

## APPENDIX A

Clone ID	ExperimentID	HumanRNAAccession	HumanProteinAccess	LocusLink	Gene Symbol	Gene Description
ct0471	4C	NM_144981	NP_659418	196294	FLJ25059	hypothetical protein FLJ25059
ct0682	4C	NM_001030	NP_001021	6232	RPS27	ribosomal protein S27 (metallopanstimulin 1)
ct0618	4C	NM_016208	NP_898880	51160	VPS28	vacuolar protein sorting 28 (yeast)
ct0536	4C	NM_007112	NP_0069043	7059	THBS3	thrombospondin 3
ct0061	4C	NM_005119	NP_005110	9967	THRAP3	thyroid hormone receptor associated protein 3
ct0139	4C	NM_032142				
ct0224	4C	NM_003801	NP_003792	8733	GPA1	GPA1P anchor attachment protein 1 homolog (yeast)
ct0253	4C	XM_098004				
ct0272	4C	NM_006233	NP_006224	5438	POLR2I	polymerase (RNA) II (DNA directed) polypeptide I,
ct0529	4C	NM_001636	NP_001627	293	SLC25A6	solute carrier family 25 (mitochondrial carrier: a
ct0593	4C	NM_014780	NP_055595	9820	CUL7	cullin 7
ct0608	4C	NM_014052				
ct0707	4C	NM_005770	NP_005761	10169	SERF2	small EDRK-rich factor 2
ct0712	4C	NM_000559	NP_000550	3047	HBG1	hemoglobin, gamma A
ct0768	4C	NM_032378	NP_115754	1936	EEF1D	eukaryotic translation elongation factor 1 delta (
ct0776	4C	NM_032268	NP_115644	84937	ZNRFL	zinc and ring finger protein 1
ct0779	4C	NM_002882	NP_002873	5902	RANBP1	RAN binding protein 1
ct0824	4C	NM_000182	NP_000173	3030	HADHA	hydroxylacyl-Coenzyme A dehydrogenase/3-ketoyl-Co
ct0842	4C	NM_030926	NP_112188	81618	ITM2C	integral membrane protein 2C
ct0860	4C	NM_021962	NP_068781	29	ABR	active BCR-related gene
ct0946	4C	NM_001416	NP_001407	1973	EIF4A1	eukaryotic translation initiation factor 4A, isoform
ct0955	4C	NM_006886	NP_0068817	514	ATP5E	ATP synthase, H <sup>+</sup> -transporting, mitochondrial F1 co
ct0986	4C	NM_006757	NP_006748	7140	TNNI3	troponin T3, skeletal, fast
ct0990	4C	NM_005833	NP_005824	10244	RAB9P40	Rab9 effector p40

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fcr0997	4C	NM_005620	NP_005611	6282	S100A11	S100 calcium binding protein A11 (calgizzatin)
fcr0999	4C	NM_02778	NP_002769	5660	PSAP	prosaposin (variant Gaucher disease and variant me
fcr1068	4C	NM_006265	NP_006256	5885	RAD21	RAD21 homolog (S. pombe)
fcr1173	4C	NM_004343	NP_004334	811	CALR	calfeticulin
fcr1305	4C	NM_014892				
fcr1337	4C	NM_004145	NP_004136	4650	MYO9B	myosin IXB
fcr1463	4C	NM_001918	NP_001909	1629	DBT	dihydroliptamide branched chain transacylase [E2 c
fcr1557	4C	NM_022356	NP_071751	64175	LEPRE1	leucine proline-enriched proteoglycan (leprecan) 1
fcr1633	4C	NM_014047	NP_054766	28974	HSPC023	HSPC023 protein
fcr1756	4C	NM_005327	NP_005318	3033	HADHSC	L-3-hydroxyacyl-Coenzyme A dehydrogenase, short ch
fcr1833	4C	NM_005343				
fcr1844	4C	NM_003492	NP_003483	8269	CXorf12	chromosome X open reading frame 12
fcr1855	4C	NM_001866	NP_001857	1349	COX7B	cytochrome c oxidase subunit VIIb
fcr1879	4C	NM_003428	NP_003419	7637	ZNF84	zinc finger protein 84 (HPF2)
fcr2018	4C	NM_033251	NP_150254	6137	RPL13	ribosomal protein L13
fcr2074	4C	NM_017459	NP_059453	4237	MFAP2	microfibrillar-associated protein 2
fcr2079	4C	NM_014720	NP_055535	9748	SLK	SNF1 sucrose nonfermenting like kinase (yeast)
fcr2088	4C	NM_002525	NP_005243	2253	FOS	v-fos FBJ murine osteosarcoma viral oncogene homol
fcr2102	4C	NM_014300	NP_055115	23478	SPC18	signal peptidase complex (18kD)
fcr2103	4C	NM_002074	NP_002065	157708		
fcr2160	4C	NM_005389	NP_976240	4076	M11S1	guanine nucleotide binding protein (G protein), be
fcr2164	4C	NM_000972	NP_000963	6130;	RPL7A	membrane component, chromosome 11, surface marker
fcr2167	4C	NM_032860	NP_116249	147346		ribosomal protein L7a
fcr2196	4C	NM_014863		84946	C6orf93	chromosome 6 open reading frame 93
fcr2276	4C	NM_007262	NP_009193	11315	PARK7	Parkinson disease (autosomal recessive, early onset

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fcr2299	4C	NM_000154	NP_000145	2584	GALK1	galactokinase 1
fcr2373	4C	NM_000942	NP_000933	5479	PIB	peptidylprolyl isomerase B (cyclophilin B)
fcr2607	4C	NM_006758	NP_006749	7307	U2AF1	U2(RNU2) small nuclear RNA auxiliary factor 1
fcr2798	4C	NM_033830	NP_116219	84916	CIRH1A	cirrhosis, autosomal recessive 1A (cirrhin)
fcr2859	4C	NM_004223	NP_937836	9246	UBRE2A	ubiquitin-conjugating enzyme E2L 6
fcr2940	4C	NM_183470	NP_872271	5315;	PRK M2	pyruvate kinase, muscle
fcr2952	4C	NM_058246	NP_490647	10049;	DNAJB6	DnaJ (Hsp40) homolog, subfamily B, member 6
fcr2958	4C	NM_019609	NP_062555	56265	CPXM	carboxypeptidase X (M14 family)
fcr3053	4C	NM_080425	NP_556551	2778	GNAS	GNAS complex locus
fcr3101	4C	NM_012073	NP_036205	22948	CTC15	chaperonin containing TCP1, subunit 5 (epsilon)
fcr3121	4C	NM_015934	NP_057018	51602	NOP5/NOP58	nucleolar protein NOP5/NOP58
fcr3155	4C	NM_003281	NP_003272	7135	TNNI1	tropomodulin, skeletal, slow
fcr3181	4C	NM_005318	NP_005309	3005	HIF0	HI histone family, member 0
fcr3323	4C	NM_199330	NP_955364	9455	LILOMER2	homer homolog 2 (Drosophila)
fcr3559	4C	NM_002615	NP_002606	5176	SERPINF1	serine (or cysteine) proteinase inhibitor, clade F
fcr3595	4C	NM_005003	NP_004994	4706	NDUFABI	NADH dehydrogenase (ubiquinone) 1, alpha/beta subc
fcr3620	4C	NM_002165	NP_851998	3397	ID1	inhibitor of DNA binding 1, dominant-negative heli
fcr3664	4C	NM_005307	NP_0053498	1072	CFI1	cofilin 1 (non-muscle)
fcr3823	4C	NM_005964	NP_005955	4628	MYH10	myosin, heavy polypeptide 10, non-muscle
fcr3983	4C	NM_016081	NP_057165	23022	KIAA0992	palladin
fcr4057	4C	NM_006185	NP_006176	4926	NUMAI	nuclear mitotic apparatus protein 1
fcr4128	4C	NM_000371	NP_006362	10491	CRTAP	cartilage associated protein
fcr4129	4C	NM_000466	NP_000457	5189	PEX1	peroxisome biogenesis factor 1
fcr4214	4C	NM_004548	NP_004539	4716	NDUFB10	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
fcr4272	4C	NM_035592	NP_115981	84680	PLACS	L-aminoacylcyclopropane-1-carboxylate synthase

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ter4380	4C	NM_003343	NP_003434	7709	ZNF151	zinc finger protein 151 (pH2-67)
ter4477	4C	NM_134264	NP_599027	26118	WSB1	WD repeat and SOCS box-containing 1
ter4622	4C	NM_004074	NP_004065	1351	COX&A	cytochrome c oxidase subunit 8A
ter4634	4C	NM_015352	NP_758436	23509	POU5TF1	protein O-fucosyltransferase 1
ter4699	4C	NM_139276	NP_988827	6774	STAT13	signal transducer and activator of transcription 3
ter4763	4C	NM_014324	NP_976316	23600	AMACR	alpha-methylacyl-CoA racemase
ter4782	4C	NM_194328	NP_919313	152006	RNF38	ring finger protein 38
ter4795	4C	NM_006819	NP_006810	10963	STIP1	stress-induced phosphoprotein 1 (Hsp70/Hsp90)-organ
ter4831	4C	NM_000270	NP_000261	4860	NP	nucleoside phosphorylase
ter4832	4C	NM_000186	NP_000177	3075	HFI	H factor 1 (complement)
ter4846	4C	NM_002616	NP_002607	5187	PER1	period homolog 1 (Drosophila)
ter4885	4C	NM_014183	NP_808853	83658	DNC1L2A	dynamin, cytoplasmic, light polypeptide 2A
ter4927	4C	NM_001610	NP_001601	53	ACP2	acid phosphatase 2, lysosomal
ter4954	4C	NM_003374	NP_003365	7416	VDAC1	voltage-dependent anion channel 1
ter4965	4C	NM_000441	NP_000432	5172	SLC26A4	solute carrier family 26, member 4
ter5006	4C	NM_006817	NP_006808	10961	C12orf18	chromosome 12 open reading frame 8
ter5075	4C	NM_021126	NP_066949	4357	MBST	mercapto-pyruvate sulfurtransferase
ter5112	4C	NM_022372	NP_071767	64223	GBL	G protein beta subunit-like
ter5123	4C	NM_005834	NP_005825	10245	TMM17B	translocase of inner mitochondrial membrane 17 hom
ter5176	4C	NM_001675	NP_877962	468	ATF4	activating transcription factor 4 (tax-responsive
ter5204	4C	NM_014164	NP_659003	53827	FXYD5	FXYD domain containing ion transport regulator 5
ter5222	4C	NM_007007	NP_008938	11052	CPSF6	cleavage and polyadenylation specific factor 6, 68
ter5288	4C	NM_007027	NP_008938	11073	TOPBP1	topoisomerase (DNA) II binding protein
ter5316	4C	NM_017510	NP_059980	54732	HSGP25L2G	gfp25L2 protein
ter5339	4C	NM_000146	NP_000137	2512	FTL	feritin, light polypeptide

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ter5354	4C	NM_001861	NP_001852	1327	COX4II	cytochrome c oxidase subunit IV isoform 1
ter5425	4C	NM_001402	NP_001393	1915;	EEF1A1	eukaryotic translation elongation factor 1 alpha 1
ter5470	4C	NM_138501	NP_612510	9524;	GPSN2	glycoprotein, synaptic 2
ter5509	4C	NM_000527	NP_000518	3949	LDLR	low density lipoprotein receptor (familial hyperch
ter5559	4C	NM_002128	NP_002119	3146	HMGBI	high-mobility group box 1
ter5618	4C	NM_001946	NP_073143	1848	DUSP6	dual specificity phosphatase 6
ter5625	4C	NM_000998	NP_000989	6168	RPL37A	ribosomal protein L37a
ter5720	4C	NM_017801	NP_060271	54918	CELF516	chemokine-like factor super family 6
ter5723	4C	NM_133476	NP_597733	171017	ZNF384	zinc finger protein 384
ter5755	4C	NM_024544	NP_078820	79594	FLJ12875	hypothetical protein FLJ12875
ter5758	4C	NM_007108	NP_996896	6923	TCER2	transcription elongation factor B (SII), poly(pept
ter5779	4C	NM_006196	NP_006187	5093	PCBP1	poly(rC) binding protein 1
ter5889	4C	NM_016936	NP_586032	29855	UBN1	ubinuclein 1
ter6016	4C	NM_003164	NP_003155	6811	STX5A	synaptosomal-associated protein 25 kDa
ter6044	4C	NM_022165	NP_060581	55150;	FLJ10490	hypothetical protein FLJ10490
ter6150	4C	NM_006415	NP_847894	64130		
ter6235	4C	NM_005439	NP_005430	10558	SPLC1	serine palmitoyltransferase, long chain base subunit
ter6266	4C	NM_021019	NP_521449	8079	MLF2	myeloid leukemia factor 2
ter6314	4C	NM_004805	NP_004796	4637	ML6	myosin, light polypeptide 6, alkali, smooth muscle
ter6386	4C	NM_004875	NP_976035	54533	POLR2D	polymerase (RNA) II (DNA directed) polypeptide D
ter6390	4C	NM_144582	NP_653183	9533	POLR1C	polymerase (RNA) I polypeptide C, 30kDa
ter6412	4C	NM_005969	NP_005960	4676;	ML4	testis expressed gene 261
ter6415	4C	NM_006572	NP_006563	10672	GNAT13	nucleosome assembly protein 1-like 4
ter6497	4C	NM_004785	NP_004776	9351	SLC9A3R2	guanine nucleotide binding protein (G protein), al
						solute carrier family 9 (sodium/hydrogen exchanger

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fc6534	4C	NM_017426	NP_059122	53371	NLIP54	neuroepithelin 54kDa
fc6573	4C	NM_022893	NP_002884	5931	RBBP7	retinoblastoma binding protein 7
fc6577	4C	NM_004040	NP_004031	388	RHOB	ras homolog gene family, member B
fc6592	4C	NM_053887	NP_683708	114609	TIRAP	toll-interleukin 1 receptor (TIR) domain containin
fc6616	4C	NM_015047	NP_055862	23065	KIAA0090	KIAA0090 protein
fc6681	4C	NM_031966	NP_114172	891	CNB1	cyclin B1
fc6931	4C	NM_015909	NP_056993	51594	NAG	neuroblastoma-amplified protein
fc6937	4C	NM_000918	NP_000909	5034	PAHB	procollagen-proline, 2-oxoglutarate 4-deoxy-genease
fc7004	4C	NM_002391	NP_002382	4192	MDK	midkine (neutrie growth-promoting factor 2)
fc7026	4C	NM_016451	NP_057535	1315	COPB	coatomer protein complex, subunit beta
fc7042	4C	NM_005223	NP_005264	2783	GNB32	guanine nucleotide binding protein (G protein), be
fc7043	4C	NM_006612	NP_006603	3481	IGF2	insulin-like growth factor 2 (somatomedin A)
fc7403	4C	NM_005176	NP_005167	5171	ATP5G2	ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 co
fc7419	4C	NM_002455	NP_942584	4580	MTX1	metaxin 1
fc7587	4C	NM_007085	NP_000916	11167	FSTL1	folistatin-like 1
fc80265	4C	NM_006196	NP_006187	5093	PCBP1	poly(rC) binding protein 1
fc81017	4C	NM_024592	NP_078868	79644	FLJ13352	hypothetical protein FLJ13352
fc81160	4C	NM_000366	NP_000357	7168	TPM1	troponyosin 1 (alpha)
fc81202	4C	NM_016127	NP_057211	51669	MGC8721	hypothetical protein MGC8721
fc81312	4C	NM_006805	NP_006796	10949	HNRPA0	heterogeneous nuclear ribonucleoprotein A0
fc81320	4C	NM_022333	NP_071728	7073	TIA1	TIA1 cytototoxic granule-associated RNA binding prot
fc81337	4C	NM_014394	NP_055209	27069	GHT1M	growth hormone inducible transmembrane protein
fc81381	4C	NM_032560	NP_115949	55671	KIAA2010	KIAA2010
fc81420	4C	NM_022170	NP_114381	7458	WBS2R1	Williams-Berleu syndrome chromosome region 1
fc81496	4C	NM_001320	NP_001311	1460	CSNK2B	casein kinase 2, beta polypeptide

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fcrl503	4C	NM_021738	NP_068506	6840	SVIL	supervillin
fcrl528	4C	NM_004448	NP_004439	2064	ERBB2	v-erb-b2 erythroblastic leukemia viral oncogene homolog
fcrl529	4C	NM_004530	NP_004521	4313	MMp2	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase)
fcrl547	4C	NM_022003	NP_071286	53826	FXYD6	FXYD domain containing ion transport regulator 6
fcrl550	4C	NM_005102	NP_005093	9637	FEZ2	fasciculation and elongation protein zeta 2 (xyggin)
fcrl578	4C	NM_004547	NP_004538	4710	NDUFB4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, quinol:cytochrome c reductase binding protein
fcrl657	4C	NM_002826	NP_002817	5708;	QSCN6	quiescin Q6
fcrl689	4C	NM_002128	NP_002119	3146	HMGB1	high-mobility group box 1
fcrl720	4C	NM_006294	NP_006285	7381	UQCRCB	ubiquinol:cytochrome c reductase binding protein
fcrl721	4C	NM_002632	NP_002623	5228	PGF	placental growth factor, vascular endothelial growth factor
fcrl724	4C	NM_015662	NP_056477	26160	SLB	selective LIM binding factor, rat homolog
fcrl733	4C	NM_021809	NP_068581	60436	TGF2	TGF-B-induced factor 2 (TAL-E family, homeobox)
fcrl741	4C	NM_001416	NP_001407	1973	EIF4A1	eukaryotic translation initiation factor 4A, isoform
fcrl750	4C	NM_001457	NP_001448	2317	FLNB	filamin B, beta (actin binding protein 278)
fcrl763	4C	NM_0209913	NP_008844	6048;	RNF5	ring finger protein 5
fcrl807	4C	NM_000142	NP_075254	2261	FGFR3	fibroblast growth factor receptor 3 (achondroplasia)
fcrl834	4C	NM_079425	NP_524149	4637	MYL6	myosin, light polypeptide 6, alkali, smooth muscle
fcrl855	4C	NM_006659	NP_006650	10844	TUBGCP2	tubulin, gamma complex associated protein 2
fcrl892	4C	NM_000558	NP_000508	3040; 3039	HBA2	hemoglobin, alpha 2
fcrl960	4C	NM_000612	NP_000603	3481	IGF2	insulin-like growth factor 2 (somatomedin A)
fcrl962	4C	NM_015466	NP_056281	25930	PTPN23	protein tyrosine phosphatase, non-receptor type 23
fcrl2020	4C	NM_020140	NP_065173	5738	PTGFRN	prostaglandin F2 receptor negative regulator
fcrl2040	4C	NM_006986	NP_008917	9500	MAGF1	melanoma antigen, family D, 1
fcrl2060	4C	NM_006486	NP_006478	2192	FBLN1	fibrillin 1
fcrl2090	4C	NM_022908	NP_075059	64943	FLJ12442	hypothetical protein FLJ12442

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terb2137	4C	NM_000184	NP_000175	3048; 3047	HBG2	hemoglobin, gamma G
terb2160	4C	NM_003878	NP_003869	8836	GGH	gamma-glutamyl hydrolase (conjugase, folypolygamma
terb2189	4C	NM_015068				
terb2198	4C	NM_000093	NP_000084	1289 <sup>9</sup>	COL5A1	collagen, type V, alpha 1
terb2218	4C	NM_005594	NP_005585	4666; 557	NACA	nascent-polypeptide-associated complex alpha polyp
terb2223	4C	NM_017515	NP_059985	54733	SLC35F2	solute carrier family 35, member F2
terb2249	4C	NM_005922	NP_003913	8925	HERC1	hect (homologous to the E6-AP (UBE3A) carboxyl ter
terb2292	4C	NM_012311	NP_036443	22944	KIN	KIN, antigenic determinant of rev; protein homolog
terb2305	4C	NM_001402	NP_001393	1915 <sup>5</sup>	EF1A1	eukaryotic translation elongation factor 1 alpha 1
terb2308	4C	NM_005563	NP_981946	3925	STIM1	stathmin 1/conceptein 18
terb2325	4C	NM_003981	NP_955446	9055	PRC1	protein regulator of cytokinesis 1
terb2330	4C	NM_024899	NP_079175	79959	C18orf9	chromosome 18 open reading frame 9
terb2350	4C	NM_002997	NP_002988	6382	SDC1	syndecan 1
terb2353	4C	NM_015965	NP_057049	51079 <sup>5</sup>	GRIM19	cell-death-regulatory protein GRIM19
terb2426	4C	NM_017886	NP_060356	54986	FLJ20574	hypothetical protein FLJ20574
terb2472	4C	NM_007126	NP_009057	7415	VCP	valosin-containing protein
terb2484	4C	NM_017777	NP_060247	54903	FLJ20345	hypothetical protein FLJ20345
terb2536	4C	NM_080425	NP_536351	2778	GNAS	GNAS complex locus
terb2554	4C	NM_024595	NP_078871	79647	FLJ12666	hypothetical protein FLJ12666
terb2556	4C	NM_006278	NP_006269	6484	SIA4C	stacyltransferase 4C (beta-galactoside alpha-2,3-s
terb2591	4C	NM_138425	NP_612434	113246	GRCC10	likely ortholog of mouse gene rich cluster, C10 ge
terb2592	4C	NM_172020	NP_742017	0883; 402542;	POM121	POM121 membrane glycoprotein (rat)
terb2596	4C	NM_003345	NP_919237	7329	UBP21	ubiquitin-conjugating enzyme E21 (UBC9 homolog, yec

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fcrb2635	4C	NM_004404	NP_004395	4735_55917 NEDDS	neural precursor cell-expressed, developmentally d
fcrb2658	4C	NM_014827	NP_055642	9877	KIAA0663
fcrb2690	4C	NM_003966	NP_003957	9037	SEMA5A
fcrb2704	4C	NM_000517	NP_000508	3040	HBA2
fcrb2713	4C	NM_000991	NP_000982	6158	RPL28
fcrb2715	4C	NM_004350	NP_004341	864	RUNX3
fcrb2800	4C	NM_018071			runt-related transcription factor 3
fcrb2813	4C	NM_005022	NP_005013	5216	PFN1
fcrb2871	4C	NM_004370	NP_542376	1503	COL12A1
fcrb2933	4C	NM_011286	NP_112376	83442	SH3BGRL3
fcrb3017	4C	NM_173647	NP_775918	284996	RNF149
fcrb3073	4C	NM_016333	NP_057417	23524	SRRM2
fcrb3083	4C	NM_006455	NP_006446	10609	SC65
fcrb3134	4C	NM_024630	NP_714968	79683	ZDHHC14
fcrb3135	4C	NM_014473	NP_055288	27292	HSIA9761
fcrb3165	4C	NM_006859	NP_919433	11019	LIAS
fcrb3169	4C	NM_1310468	NP_569735	113189	D4ST1
fcrb3227	4C	NM_1313375	NP_588616	115752	MGC4562
fcrb3237	4C	NM_031284	NP_112574	83440	ADP-GK
fcrb3244	4C	NM_006742	NP_006733	5681	ATP-dependent glucokinase
fcrb3298	4C	NM_000581	NP_958799	2876	PSKH1
fcrb3306	4C	NM_012478	NP_036610	23558	GPX1
fcrb3461	4C	NM_020954	NP_066005	57714	glutathione peroxidase 1
fcrb3483	4C	NM_005993	NP_005984	65904	TBCD
fcrb3515	4C	NM_007245	NP_680782	11273	A2L,P
					ataxin 2 related protein

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fcrb3519	4C	NM_148980	NP_684281	260294; 155400; 3403	WBSCR20C	Williams-Bauren syndrome chromosome region 20C
fcrb3578	4C	NM_015430	NP_056245	25891	DKFZP586H2	DKFZP586H2/123 protein
fcrb3651	4C	NM_007085	NP_000916	11167	FLTL1	folistatin-like 1
fcrb3654	4C	NM_014750	NP_055565	9787	DLG7	discs, large homolog 7 (Drosophila)
fcrb3702	4C	NM_002823	NP_002814	5757; 51685	PTMA	protohmosin, alpha (gene sequence 28)
fcrb3704	4C	NM_152794	NP_690009	64344	HF3A	hypoxia inducible factor 3, alpha subunit
fcrb3718	4C	NM_001997	NP_001988	2197	FAU	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuS)
fcrb3725	4C	NM_003574	NP_919415	9218	VAPA	VAMP (vesicle-associated membrane protein)-associated
fcrb3841	4C	NM_001012	NP_000103	6202; 94161	RPS8	ribosomal protein S8
fcrb4109	4C	NM_024644	NP_078920	79697	C14orf169	chromosome 14 open reading frame 169
fcrb4238	4C	NM_001005	NP_000996	6188; 6079; 114599	RPS3	ribosomal protein S3
fcrb4241	4C	NM_015017	NP_963920	23032	USP33	ubiquitin specific protease 33
fcrb4248	4C	NM_001023	NP_001014	6224	RPS20	ribosomal protein S20
fcrb4252	4C	NM_006009	NP_006000	7846	TUBA3	tubulin, alpha 3
fcrb4270	4C	NM_018049	NP_0060519	5511;	PLEKHH1	pleckstrin homology domain containing, family J me
fcrb4275	4C	NM_016115	NP_665862	51130	ASB3	ankyrin repeat and SOCS box-containing 3
fcrb4294	4C	NM_006296	NP_002487	4728	NDUF58	NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23
fcrb4333	4C	NM_004486	NP_004477	2801	GOLGA2	golgi autoantigen, golgin subfamily a, 2
fcrb4340	4C	NM_053045	NP_444273	94107	MGC14327	hypothetical protein MGC14327
fcrb4375	4C	NM_173354	NP_775490	150094	SNFLK	SNF1-like kinase
fcrb4378	4C	NM_006549	NP_751380	10645	CAMKK2	calcium/calmodulin-dependent protein kinase
fcrb4388	4C	NM_000976	NP_000967	6136	RPL12	ribosomal protein L12
fcrb4409	4C	NM_021102	NP_066925	10653	SPN12	serine protease inhibitor, Kunitz type, 2

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fcrb4415	4C	NM_024510	NP_078786	79415	MGC4368	hypothetical protein MGC4368
fcrb4428	4C	NM_016436	NP_057520	51230	C20orf104	chromosome 20 open reading frame 104
fcrb534	4C	NM_032347	NP_115936	60592	SCOC	short coiled-coil protein
fcrb570	4C	NM_012321	NP_036453	25804	LSM4	LSM4 homolog, U6 small nuclear RNA associated (S
fcrb599	4C	NM_02032	NP_002023	2495	FTHI	feritin, heavy polypeptide 1
fcrb4690	4C	NM_015965	NP_057049	51079	GRIM19	cell death-regulatory protein GRIM19
fcrb4739	4C	NM_002812	NP_002803	5714	PSMD8	proteasome (prosome, macropain) 20S subunit, non- $\alpha$
fcrb4781	4C	NM_053275	NP_444505	6175	RPLP0	ribosomal protein, large, P0
fcrb4992	4C	NM_024312	NP_077288	79158	MGC4170	MGC4170 protein
fcrb5177	4C	NM_002092	NP_0002083	2926	GRSF1	G-rich RNA sequence binding factor 1
fcrb5204	4C	NM_016133	NP_057217	51141	INSIG2	insulin induced gene 2
fcrb5214	4C	NM_000991	NP_000982	6158	RPL28	ribosomal protein L28
fcrb5254	4C	NM_007362	NP_031388	22916	NCBP2	nuclear cap binding protein subunit 2, 20kDa
fcrb5267	4C	NM_173622	NP_775893	284040	FLJ36674	hypothetical protein FLJ36674
fcrb5296	4C	NM_145799	NP_665801	23157	6-Sep	sepin 6
fcrb5416	4C	NM_017758	NP_060228	54890	FLJ20308	hypothetical protein FLJ20308
fcrb5422	4C	NM_018630				
fcrb5449	4C	NM_139016	NP_620585	128439	LOC128439	hypothetical gene LOC128439
fcrb5527	4C	NM_0313251	NP_150254	6137	RPL13	ribosomal protein L13
fcrb5536	4C	NM_011607	NP_060077	54776	PP1R12C	protein phosphatase 1, regulatory (inhibitor) subu
fcrb5537	4C	NM_003068	NP_003059	6591	SNAL2	snail homolog 2 (Drosophila)
fcrb5588	4C	NM_032548	NP_742025	80325	ABTB1	ankyrin repeat and BTB (POZ) domain containing 1
fcrb5639	4C	NM_007048	NP_919423	11119	BTNL3A1	bullyophilin, subfamily 3, member A1
fcrb5645	4C	NM_206839	NP_996670	10933	MORF4L1	mortality factor 4 like 1

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fcrb5675	4C	NM_017710				
fcrb5702	4C	NM_017664	NP_060134	55608	ANKRD10	ankyrin repeat domain 10
fcrb5751	4C	NM_203462	NP_982287	114932	PP784	PP784 protein
fcrb5928	4C	NM_018217	NP_060687	55741	C2orf31	chromosome 20 open reading frame 31
fcrb6009	4C	NM_033557	NP_203522	841	CASP8	caspase 8, apoptosis-related cysteine protease
fcrb6012	4C	NM_152540	NP_689753	152579	SCF12	sec1 family domain containing 2
fcrb6062	4C	NM_012087	NP_036219	9328	GT1FC5	general transcription factor IIC, polypeptide 5,
fcrb6102	4C	NM_018106	NP_060576	55146	ZDHHC4	zinc finger, DHHC domain containing 4
fcrb6185	4C	NM_01584	NP_056399	26073	POLDIP2	polymerase (DNA-4-directed), delta interacting prote
fcrb6191	4C	NM_002696	NP_002687	5436	POLR2G	polymerase (RNA) II (DNA directed) polypeptide G
fcrb6251	4C	NM_015677	NP_056492	26751	SH3YL1	SH3 domain containing, Ysc84-like 1 (S. cerevisiae
fcrb6432	4C	NM_012267	NP_056399	23640	HPBP1	hp70-interacting protein
fcrb6436	4C	NM_003075	NP_620706	6601	SMARCC2	SWI/SNF related, matrix associated, actin dependent
fcrb6460	4C	NM_004732	NP_004723	9196	KCNAB3	potassium voltage-gated channel, shaker-related su
fcrb6715	4C	NM_024656	NP_078932	79709	FLJ22329	hypothetical protein FLJ22329
fcrb6725	4C	NM_001328	NP_001319	1487	CTBP1	C-terminal binding protein 1
fcrb6734	4C	NM_134264	NP_599027	26118	WSB1	WD repeat and SOCS box-containing 1
fcrb6747	4C	NM_000086	NP_000077	1201	CLN3	ceroid-lipofuscinosis, neuronal 3, juvenile (Batten
fcrb6768	4C	NM_000443	NP_000434	2049	EPHB3	EphB3
fcrb6785	4C	NM_018183	NP_060653	55206	SBN01	sno, strawberry notch homolog 1 (Drosophila)
fcrb6829	4C	NM_152727	NP_689940	221184	CPNNE2	copine II
fcrb6834	4C	NM_015069	NP_052884	23090	ZNF423	zinc finger protein 423
fcrb6874	4C	NM_007100	NP_000931	521	ATP5I	ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 co
fcrb6896	4C	NM_030927	NP_112189	81619	DC-TM4I2	tetraspanin similar to TM4SF9
fcrb6939	4C	NM_004926	NP_004917	677	ZFP561	zinc finger protein 36, C3H type-like 1

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fcrb6968	4C	NM_022302	NP_115678	84262	MGC10911	hypothetical protein MGC10911	
fcrb7036	4C	NM_053048	NP_663623	121260; 114130	SLC15A4	solute carrier family 15, member 4	
fcrb7113	4C	NM_005809	NP_839428	7001	PDX2	peroxiredoxin 2	
fcrb7321	4C	NM_016467		51240	LOC51240	hypothetical protein LOC51240	
fcrb7339	4C	NM_017853	NP_060323	54957	DILP	Dil 1-like protein	
fcrb7392	4C	NM_174923	NP_777583	203260; 84904	MGC31967	hypothetical protein MGC31967	
fcrb7453	4C	NM_003993	NP_003984	1196	CLK2	CDC-like kinase 2	
fcrb7584	4C	NM_000918	NP_000909	5034	P4HB	procollagen-proline, 2-oxoglutarate 4-dioxygenase	
fcrb7588	4C	NM_003346	NP_003737	8655	DNCL1	dynnein, cytoplasmic, light polypeptide 1	
fcrb7616	4C	NM_005514	NP_005505	3106	HIL.A-B	major histocompatibility complex, class I, B	
fcrb7693	4C	NM_004785	NP_004776	9351	SLC3A3R2	solute carrier family 9 (sodium/hydrogen exchanger	
fcrb7830	4C	NM_003146	NP_003137	6749	SSRP1	structure specific recognition protein 1	
fcrb7852	4C	NM_012073	NP_036205	22948	CCT5	chaperonin containing TCP1, subunit 5 (epsilon)	
fcrb7944	4C	NM_001697	NP_001688	5339	ATP5O	ATP synthase, H <sub>+</sub> transporting, mitochondrial F1 co	
fcrb7951	4C	NM_002768	NP_002759	5119	PCOLN3	procollagen (type III) N-endopeptidase	
fcrb7981	4C	NM_080629	NP_542197	1301	COL11A1	collagen, type XI, alpha 1	
fcrb8014	4C	NM_013974	NP_039268	23564	DDAH2	dimethylarginine dimethylaminohydrolase 2	
fcrb8080	4C	NM_002553	NP_850531	5001	ORC5L	origin recognition complex, subunit 5-like (yeast)	
fcrb8092	4C	NM_00530	NP_005021	5347	PLK1	polo-like kinase (Drosophila)	
fcrb8110	4C	NM_032347	NP_115723	84307	ZNF397	zinc finger protein 397	
fcrb8119	4C	NM_004846	NP_004837	9470	EIF4EL3	eukaryotic translation initiation factor 4E-like 3	
fcrb8161	4C	NM_022934	NP_076423	200765	65991	HCBP6	hepatitis C virus core-binding protein 6
fcrb8162	4C	NM_006322	NP_006313	10426	TUBGCP3	tubulin, gamma complex associated protein 3	
fcrb8187	4C	NM_153649	NP_705935	7170	TPM3	tropomyosin 3	

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fcrb8465	4C	NM_018077	NP_060547	55131	FLJ10377	hypothetical protein FLJ10377
fcrb8804	4C	NM_015570	NP_056385	26053	AUTS2	autism susceptibility candidate 2
fcrb8516	4C	NM_203339	NP_976084	1191	CLU	cluستر (complement lysis inhibitor, SP-40,40, s
fcrb8664	4C	NM_002198	NP_002189	3659	IRF1	interferon regulatory factor 1
fcrb8668	4C	NM_005029	NP_892113	6464	SHC1	SHC1 (Src homology 2 domain containing) transformin
fcrb8740	4C	NM_014179		29092	HSPEC157	HSPEC157 protein
fcrb8852	4C	NM_022736	NP_073573	64747	FLJ14153	hypothetical protein FLJ14153
fcrb8877	4C	NM_004599	NP_004590	6721	SLREBF2	sterol regulatory element binding transcription fa
fcrb8891	4C	NM_006758	NP_006749	7307	U2AF1	U2(RNU2) small nuclear RNA auxiliary factor 1
fcrb8908	4C	NM_019845	NP_062819	56475	REPRIMO	candidate mediator of the p53-dependent G2 arrest
fcrb8940	4C	NM_033209	NP_006279	7070; 94105	THY1	Thy-1 cell surface antigen
fcrb8949	4C	NM_153719	NP_714941	23636	NUP62	nucleoporin 62kDa
fcrb9147	4C	NM_002487	NP_002478	4692	NDN	neurodin homolog (mouse)
fcrb9253	4C	NM_016463	NP_057547	51523	CXXC5	CXXC finger 5
fcrb9269	4C	NM_004639	NP_542334	7917	BAT3	HLA-A-B associated transcript 3
fcrb9352	4C	NM_1717438	NP_803187	23405	DICER1	Dicer1, Dcr-1 homolog (Drosophila)
fcrb9390	4C	NM_012322	NP_036454	22668	LSM5	LSM5 homolog, U6 small nuclear RNA associated (S.
fcrb9420	4C	NM_002278	NP_002769	5060	PSAP	prosaposin (variant Gaucher disease and variant me
fcrb9454	4C	NM_006067	NP_006058	10328	NOC4	neighbor of COX4
fcrb9481	4C	NM_011781	NP_060351	54981	C9orf95	chromosome 9 open reading frame 95
fcrb9499	4C	NM_017939	NP_891552	55027	FLJ20718	hypothetical protein FLJ20718
fcrb9588	4C	NM_194458	NP_919440	11824	UBF22	ubiquitin-conjugating enzyme E2, 12 (UBC6 homolog,
fcrb9639	4C	NM_007285	NP_009216	11345	GABARAPL2	GABA(A) receptor-associated protein-like 2
fcrb9649	4C	NM_155649	NP_705935	7170	TPM3	tropomyosin 3
fcrb9655	4C	NM_005507	NP_005498	1072	CFL1	cofilin 1 (non-muscle)

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fcrb9680	4C	NM_000401	NP_997005	2132	EX12	exosites (multiple) 2
fcrb9694	4C	NM_015461	NP_056276	25925	ZNF521	zinc finger protein 521
fcrb9714	4C	NM_133480	NP_597815	10474	TADA3L	transcriptional adaptor 3 (NGG1 homolog, yeast)-li
fcrb9720	4C	NM_000194	NP_000185	3251	HPR11	hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan disease)-like
fcrb9751	4C	NM_198335	NP_938149	23193;	GANAB	glucosidase, alpha; neural AB
fcrb9843	4C	NM_003407	NP_003398	7538	ZFP36	zinc finger protein 36, C3H type, homolog (mouse)
fcrb9856	4C	NM_015350	NP_056165	23507	TA-1RRP	T-cell activation leucine repeat-rich protein
fcrb9871	4C	NM_022800	NP_116189	84886	FLJ14525	hypothetical protein FLJ14525
fcrb9959	4C	NM_018462	NP_060932	55845	C3orf10	chromosome 3 open reading frame 10
fcrc0075	4C	NM_000123	NP_000114	2073	ERCC5	excision repair cross-complementing rodent repair
fcrc0094	4C	NM_016495	NP_057579	51256	TBC1D97	TBC1 domain family, member 7
fcrc0112	4C	NM_033405	NP_208384	85441	PRC285	peroxisomal proliferator-activated receptor A inte
fcrc0166	4C	NM_020457	NP_065190	57215	THAP11	THAP domain containing 11
fcrc0241	4C	NM_006612	NP_006603	10749	KIF1C	kinase family member 1C
fcrc0295	4C	NM_003618	NP_003609	8491	MAP4K3	mitogen-activated protein kinase kinase kinase kin
fcrc0350	4C	NM_015180	NP_878918	23224	SYNE2	spectrin repeat containing, nuclear envelope 2
fcrc0379	4C	NM_003687	NP_003678	8372	PDLIM4	PDZ and LIM domain 4
fcrc0396	4C	NM_002809	NP_002800	5709	PSMD3	proteasome (prosome, macropain) 26S subunit, non- $\alpha$
fcrc0430	4C	NM_002778	NP_002769	5660	PSAP	prosaposin (variant Gaucher disease and variant me
fcrc0487	4C	NM_002231	NP_002222	3732	KAI1	kangai 1 (suppression of tumorigenicity 6, prosat
fcrc0529	4C	NM_015375	NP_955749	25778	DusyPK	dusy protein kinase
fcrc0554	4C	NM_005167	NP_786886	389; 333926	RHOC	ras homolog gene family, member C
fcrc0559	4C	NM_001824	NP_001815	1158	CKM	creatine kinase, muscle
fcrc0591	4C	NM_001686	NP_001677	506	ATP5B	ATP synthase, H <sup>+</sup> -transporting, mitochondrial F1 co
fcrc0651	4C	NM_004518	NP_742107	3785	KCNQ2	potassium voltage-gated channel K <sup>+</sup> -channel subfamily

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terc0654	4C	NM_153610	NP_705838	202333	GMY45	cardiomyopathy associated 5
terc0695	4C	NM_004859	NP_004850	1213;20045	CLTC	clathrin, heavy polypeptide (lhc)
terc0771	4C	NM_006589	NP_006580	10525	HYOU1	hypoxia up-regulated 1
terc0839	4C	NM_001859	NP_001850	1317	SLC31A1	solute carrier family 31 (copper transporters), me
terc0959	4C	NM_021814	NP_068586	60481	ELOVL5	ELOVL family member 5, elongation of long chain fa
terc1019	4C	NM_018639	NP_061109	55884	WSB2	WD repeat and SOCS box-containing 2
terc1216	4C	NM_033396	NP_203754	85456	TNKS1BP1	tankyrase 1 binding protein 1, 182kDa
terc1381	4C	NM_014970	NP_055785	22920	KIFAP3	kinesin-associated protein 3
terc1660	4C	NM_020921	NP_891991	51199	NIN	ninbin (GSK3B interacting protein)
terc1689	4C	NM_014232	NP_055047	6844	VAMP2	vesicle-associated membrane protein 2 (synaptobrev
terc1745	4C	NM_080425	NP_556551	2778	GNAS	GNAS complex locus
terc1758	4C	NM_032272	NP_115648	84232	MAFI	homolog of yeast MAF1
terc1763	4C	NM_002802	NP_002793	5700	PSMC1	proteasome (prosome, macropain 26S subunit, ATPas
terc1834	4C	NM_019110	NP_061983	387032	ZNF307	zinc finger protein 307
terc1849	4C	NM_024297	NP_009209	11337;	GABARAP	GABA(A) receptor-associated protein
terc1947	4C	NM_002689	NP_002680	23649;		
terc1965	4C	NM_000175	NP_000166	2821	GPI	polymerase (DNA-directed), alpha (70kD)
terc2007	4C	NM_183063	NP_899060	9616	RNF7	glucose phosphate isomerase
terc2082	4C	NM_025220	NP_694882	80332	ADAM33	a disintegrin and metalloprotease domain 33
terc2090	4C	NM_006700	NP_006691	10906	FLN29	FLN29 gene product
terc2099	4C	NM_006449	NP_006440	10602	CDC42EP3	CDC42 effector protein (Rho GTPase binding) 3
terc2376	4C	NM_001363	NP_001354	1736	DKC1	dyskeratosis congenita 1, dyskerin
terc2379	4C	NM_017955	NP_663747	55038	CDC4A	cell division cycle associated 4
terc2678	4C	NM_004219	NP_004210	9232	PTG1	pituitary tumor-transforming 1

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terc2948	4C	NM_017838	NP_060308	55651	NOL4A2	nucleolar protein family A, member 2 (H/ACA small
terc2969	4C	NM_133645	NP_598400	25821	MTO1	mitochondrial translocation optimization 1 homolog (
terc2997	4C	NM_132283	NP_689496	92379	ZIP62	zinc finger protein 62 homolog (mouse)
terc3009	4C	NM_020216	NP_064601	6051	RNPBP	arginyl aminopeptidase (aminopeptidase B)
terc3048	4C	NM_132477	NP_689690	147929	ZNF565	zinc finger protein 565
terc3240	4C	NM_012232	NP_036264	28119	PTRF	polymerase 1 and transcript release factor
terc3358	4C	NM_004549	NP_004540	4718	NDUFCA2	NADH dehydrogenase (ubiquinone) 1, subcomplex unkn
terc3415	4C	NM_144983				
terc3739	4C	NM_000512	NP_000503	2588	GALNS	galactosamine (N-acetyl)-6-sulfate sulfatase (Morq
terc3750	4C	NM_001358	NP_001349	1665	DIKX15	DEAH (Asp-Glu-Ala-Ile) box polypeptide 15
terc3993	4C	NM_017728	NP_060198	54868	FLJ20255	hypothetical protein FLJ20255
terc4045	4C	NM_031946	NP_114152	116988	CEN1G3	ceratium, gamma 3
terc4054	4C	NM_004804	NP_004795	9391	ClAO1	WDD40 protein Clao1
terc4360	4C	NM_030803	NP_942593	55054	APG16L	APG16 autophagy 16-like (S. cerevisiae)
terc4390	4C	NM_003342	NP_872623	7226	UBRE2G1	ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog,
terc4485	4C	NM_00210	NP_000201	3655	ITGA6	integrin, alpha 6
terc4658	4C	NM_005027	NP_005018	5296	PIK3R2	phosphoinositide-3-kinase, regulatory subunit, pol
terc4896	4C	NM_139168	NP_631907	140890	SFRS12	splicing factor, arginine/serine-rich 12
terc4948	4C	NM_024092	NP_076997	79073	MGC5508	hypothetical protein MGC5508
terc5142	4C	NM_152906	NP_075557	54487;	DGCR8	DiGeorge syndrome critical region gene 8
terc5160	4C	NM_002313	NP_006711	3983	ABLM1	actin binding LIM protein 1
terc5351	4C	NM_014733	NP_055548	9765	ZFYVE16	zinc finger, FYVE domain containing 16
terc5516	4C	NM_022359				
terc5577	4C	NM_000976	NP_000967	6136	RPL12	ribosomal protein L12
terc5671	4C	NM_022917	NP_631981	65083	NO16	nucleolar protein family 6 (RNA-associated)

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lcr65797	4C	NM_033161	NP_149351	6836;	SURF4	surfcat 4
lcr65816	4C	NM_181471	NP_822136	5982	RFC2	replication factor C (activator 1) 2, 40kDa
lcr6174	4C	NM_016397	NP_945327	51497	THIL	THI-like (Drosophila)
lcr6335	4C	NM_153014	NP_079455	5362;	PLXNA2	plexin A2
lcr6563	4C	NM_006047	NP_690908	8994; 10137	COPNE1	copine 1
lcr6566	4C	NM_006852	NP_006843	11011	TK2	tousled-like kinase 2
lcr6609	4C	NM_030971	NP_112233	81855	BA_081_7.2	similar to rat tricarboxylate carrier-like protein
lcr6642	4C	NM_053051	NP_444279	116840	LIP8	LYST-interacting protein LIP8
lcr66826	4C	NM_022073	NP_071356	112399	EGLN3	eglnine homolog 3 (C. elegans)
lcr66854	4C	NM_002499	NP_002390	4756	NEO1	neogenin homolog 1 (chicken)
lcr66888	4C	NM_016183	NP_057267	51154	CLorf33	chromosome 1 open reading frame 33
lcr66970	4C	NM_002570	NP_612198	5046	PACE4	paired basic amino acid cleaving system 4
lcr66990	4C	NM_012179	NP_036311	25793	FBXO7	F-box only protein 7
lcr67047	4C	NM_014964	NP_683723	22905	EPN2	epin 2
lcr67228	4C	NM_006910	NP_116015	5930	RBBP6	retinoblastoma binding protein 6
lcr67388	4C	NM_014865	NP_055680	9918	CNAPI	chromosome condensation-related SMC-associated pro
lcr60045	4C	NM_003932	NP_003923	6767	ST13	suppression of tumorigenicity 13 (colon carcinoma)
lcr6130	4C	NM_015871	NP_056955	51042	ZNF593	zinc finger protein 593
lcr60225	4C	NM_008896	NP_005887	3417	IDH1	isocitrate dehydrogenase 1 (NADP <sup>+</sup> ), soluble
lcr60237	4C	NM_015196	NP_056011	22340	KIA0922	KIAA0922 protein
lcr60242	4C	NM_004046	NP_004037	498	ATPSA1	ATP synthase, H <sup>+</sup> transporting, mitochondrial F1 co
lcr60285	4C	NM_001728	NP_940993	682	BSG	basigin (OK blood group)
lcr60370	4C	NM_015966	NP_936408	51614	SDBGAG84	serologically defined breast cancer antigen 84
lcr60383	4C	NM_014220	NP_055035	4071	TMA4SF1	transmembrane 4 superfamily member 1
lcr60415	4C	NM_005168	NP_005159	390	ARHE	ras homolog gene family, member E

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hicer0476	4C	NM_000421	NP_000412	3858	KRT10	keratin 10 (epidermolytic hyperkeratosis, keratosis
hicer0478	4C	NM_145113	NP_932061	4149	MAX	MAX protein
hicer0489	4C	NM_017953	NP_060423	54680	FLJ20729	hypothetical protein FLJ20729
hicer0496	4C	NM_019542	NP_057026	51001	CG1-12	CG1-12 protein
hicer0521	4C	NM_005202	NP_005193	1296	COL8A2	collagen, type VIII, alpha 2
hicer0624	4C	NM_032961	NP_116586	57575	PCDH10	protocadherin 10
hicer0675	4C	NM_017440	NP_064513	56890	MDM1	nuclear protein double minute 1
hicer0676	4C	NM_002266	NP_000257	3838	KPNAA2	karyopherin alpha 2 (RAG cohort 1, importin alpha
hicer0829	4C	NM_004047	NP_004038	533	ATP6V0B	ATPase, H <sup>+</sup> -transporting, lysosomal 21 kDa, V0 subunit
hicer1101	4C	NM_006228	NP_803184	5467	PPARD	peroxisome proliferative activated receptor, delta
hicer1115	4C	NM_021034	NP_066562	10410	IFT1M3	interferon induced transmembrane protein 3 (I-81)
hicer1137	4C	NM_001155	NP_0004024	309	ANXA6	annexin A6
hicer1163	4C	NM_014399	NP_055214	27075	TMASF13	transmembrane 4 superfamily member 13
hicer1189	4C	NM_001959	NP_066944	1933	EEFIB2	eukaryotic translation elongation factor 1 beta 2
hicer1202	4C	NM_002521	NP_002512	4879	NPPB	neuropeptide precursor B
hicer1265	4C	NM_003502	NP_003293	7205; 56996	TRIP6	thyroid hormone receptor interactor 6
hicer1302	4C	NM_001482	NP_001473	2628	GATM	glycine amidinotransferase (L-arginine:glycine ami
hicer1304	4C	XM_293669		344978		Similar to actinin, alpha 4 (LOC344978), mRNA
hicer1310	4C	NM_001438	NP_966318	2104	ESRRG	estrogen-related receptor gamma
hicer1314	4C	NM_022144	NP_071427	64102	TNMD	tenomodulin protein
hicer1419	4C	XM_065820				
hicer1641	4C	NM_017943	NP_060413	55030	FBXO34	F-box only protein 34
hicer1671	4C	NM_001457	NP_001448	2317	FLNB	filamin B, beta (actin binding protein 278)
hicer1697	4C	NM_031950	NP_114156	83888	KSP37	Ksp37 protein
hicer1709	4C	NM_033408				

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htr1733	4C	NM_144488	NP_652760	5998	RGS3	regulator of G-protein signalling 3
htr1743	4C	NM_015999	NP_057083	51094	ADIPOR1	adiponectin receptor 1
htr1760	4C	NM_015172	NP_055987	22215	XTP2	HBxAg transactivated protein 2
htr1795	4C	NM_019059	NP_061932	54543	TOMM7	translocase of outer mitochondrial membrane 7 homo
htr1856	4C	NM_002375	NP_112147	4134	MAP4	microtubule-associated protein 4
htr1863	4C	NM_030573	NP_085050	80764	THAP7	THAP domain containing 7
htr1914	4C	NM_031243	NP_112533	3181	HNRPA2B1	heterogeneous nuclear ribonucleoprotein A2B1
htr2148	4C	NM_014860				
htr2287	4C	NM_024007	NP_076870	1879	EBF	early B-cell factor
htr2295	4C	NM_064455	NP_006446	10609	SC65	synaptonemal complex protein SC65
htr2314	4C	NM_014054				
htr2390	4C	NM_005968	NP_112480	4670	HNRPMP	heterogeneous nuclear ribonucleoprotein M
htr2516	4C	NM_003474	NP_066763	8038	ADAM12	a disintegrin and metalloproteinase domain 12 (mel
htr2544	4C	NM_004911	NP_004902	9601	ERPT0	protein disulfide isomerase related protein (calc
htr2598	4C	NM_002295	NP_002286	3921	LAMR1	laminin receptor 1 (ribosomal protein SA, 67kDa)
htr2629	4C	NM_004699	NP_004690	9130	DXS9928E	DNA segment on chromosome X (unique) 9928 express
htr2789	4C	NM_052871	NP_443103	112597	MGC4677	hypothetical protein MGC4677
htr2803	4C	NM_012268	NP_036400	22646	PLD3	phospholipase D3
htr2820	4C	NM_001552	NP_001543	3487	IGFBP4	insulin-like growth factor binding protein 4
htr2832	4C	NM_001101	NP_001092	60; 71	ACTB	actin, beta
htr2850	4C	NM_003769	NP_003760	8683	SFK89	splicing factor, arginine/serine-rich 9
htr2966	4C	NM_0024965	NP_0024956	3150	HMGNI	high-mobility group nucleosome binding domain 1
htr3011	4C	NM_015079	NP_055894	23102	KIAA1055	KIAA1055 protein
htr3019	4C	XM_216866				

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hcr3022	4C	NM_0330974	NP_112236	81858	DKFZP434N1	hypothetical protein DKFZP434N1923
hcr5043	4C	NM_006711	NP_542161	10921	RNPS1	RNA binding protein S1, serine-rich domain
hcr3149	4C	NM_018579	NP_061049	51312	MSCP	mitochondrial solute carrier protein
hcr3180	4C	NM_002305	NP_002296	3956;	LGALS1	lectin, galactoside-binding, soluble, 1 (galactin
hcr3256	4C	NM_016598	NP_057682	51304	ZDHHC3	zinc finger, DHHC domain containing 3
hcr3404	4C	NM_020873	NP_065924	57633	LRN1	leucine rich repeat neuronal 1
hcr3413	4C	NM_016270	NP_057354	10365	KLF2	Kruppel-like factor 2 (lung)
hcr3436	4C	NM_003088	NP_0003079	6624	FSCN1	fission homolog 1, actin-bundling protein (Strong)
hcr3441	4C	NM_005016	NP_114366	5094	PCBP2	poly(rC) binding protein 2
hcr3500	4C	NM_006310	NP_006301	9520	NP40PPS	aminopeptidase paromycin sensitive
hcr3592	4C	NM_016223	NP_057307	29763	PACSIN3	protein kinase C and caspase kinase substrate in ne
hcr3634	4C	NM_005354	NP_005345	3727	JUND	jun D proto-oncogene
hcr3928	4C	NM_006070	NP_006061	10342	TRK	TRK-fused gene
hcr4114	4C	NM_006086	NP_006077	10381	TUBB4	tubulin, beta, 4
hcr4423	4C	NM_006640	NP_006631	10801	MSF	MLL septin-like fusion
hcr4444	4C	NM_001634	NP_001625	262	AMD1	adenosylmethionine decarboxylase 1
hcr4462	4C	NM_002288	NP_002379	4172	MCM3	MCM3 minichromosome maintenance deficient 3 (S ce
hcr4488	4C	NM_002205	NP_002196	3678	ITGA5	integrin, alpha 5 (fibronectin receptor, alpha pol
hcr4489	4C	NM_044472	NP_426359	998	CDCA42	cell division cycle 42 (G1P binding protein, 25kDa
hcr5099	4C	NM_003973	NP_003964	9045	RPL14	ribosomal protein L14
hcr5150	4C	NM_006307	NP_006298	8406	SRRX	sushi-repeat-containing protein, X-linked
hcr5181	4C	NM_004542	NP_004533	4696	NDUF4A3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
hcr5207	4C	NM_006907	NP_722546	5831	PYCR1	pyrrole-5-carboxylate reductase 1
hcr5230	4C	NM_016581	NP_057665	51295	SITPC	likely ortholog of mouse signaling intermediate in

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htrc5228	4C	NM_017991	NP_060461	55683	FLJ10081	hypothetical protein FLJ10081
htrc5237	4C	NM_021738	NP_066506	6840	SVIL	survivillin
htrc5383	4C	NM_002298	NP_002389	4211	MEIS1	Meis1, myeloid ecotropic viral integration site 1
htrc5473	4C	NM_021128	NP_066951	5441	POLR2L	polymerase (RNA) II (DNA directed) polypeptide 1,
htrc5604	4C	NM_002789	NP_002780	5685	PSMA4	prosome (prosome, macropain) subunit, alpha (tp)
htrc5691	4C	NM_004697	NP_004688	9128	PRPF4	PRPF4 pre-mRNA processing factor 4 homolog (yeast)
htrc5695	4C	NM_144584	NP_653185	113802	FLJ30525	hypothetical protein FLJ30525
htrc5905	4C	NM_003286	NP_003277	7150	TOP1	topoisomerase (DNA) I
htrc5919	4C	NM_145914	NP_666019	7589	ZNF538	zinc finger protein 38
htrc5987	4C	NM_001005	NP_000996	6188; 6079;	RP53	ribosomal protein S3
htrc6164	4C	NM_003505	NP_003496	8321	F2D1	frizzled homolog 1 (Drosophila)
htrc6236	4C	NM_144498	NP_653081	9885	OSBPL2	oxysterol binding protein-like 2
htrc6366	4C	NM_005493	NP_005484	10048	RANBP9	RAN binding protein 9
htrc6406	4C	NM_019105	NP_115859	7148	TNXB	tenascin XB
htrc6468	4C	NM_020404	NP_065137	57124	CD64L1	CD64 sialomucin-like 1
htrc6486	4C	NM_003977	NP_003968	9049	APIP	aryl hydrocarbon receptor interacting protein
htrc6501	4C	NM_014718	NP_055533	9746	CLSTN3	cysteine-rich 3
htrc6509	4C	NM_005397	NP_005388	5420	PODXL	podocalyxin-like
htrc6640	4C	NM_020830	NP_065881	57590	WDY1	WD repeat and FYVE domain containing 1
htrc6651	4C	NM_005809	NP_859428	7001	PRDX2	peroxiredoxin 2
htrc6680	4C	NM_006058	NP_006049	10318	TNIP1	TNFALP3 interacting protein 1
htrc6687	4C	NM_001997	NP_001988	2197	FAU	Fishel-Biskis-Kelly murine sarcoma virus (FBR-MuS)
htrc6700	4C	NM_012394	NP_036526	5202	PFDN2	prefoldin 2
htrc6716	4C	NM_000517	NP_000508	3040	HBA2	hemoglobin, alpha 2
htrc6931	4C	NM_032548	NP_742025	80325	ABTB1	ankyrin repeat and BTB (POZ) domain containing 1

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hcrtr932	4C	NM_001216	NP_001207	768	C49	carboxic anhydrase IX
hcrtr966	4C	NM_173576	NP_775847	283078	C10orf48	chromosome 10 open reading frame 48
hcrtr968	4C	NM_003781	NP_149359	8706	B3GALT3	UDP-Gal:beta-GlcNAc beta 1,3-galactosyltransferase
hcrtr992	4C	NM_198335	NP_938149	23193;	GANAB	glucosidase, alpha; neutral AB
hcrtr990	4C	NM_004584	NP_004575	5883	RAD9A	RAD9 homolog A (S. pombe)
hcrtr9549	4C	NM_000946	NP_005585	46666; 5557	NACA	nascent-polypeptide-associated complex alpha polyp
hcrtr9613	4C	NM_004204	NP_683721	9091	PIGQ	phosphatidyl inositol glycan, class Q
mito0104	4C	NM_198402	NP_940684	201562	PPPLB	protein tyrosine phosphatase-like (proline instead
mito0132	4C	NM_016139	NP_057223	51142	CHCHD2	coiled-coil-helix-coiled-coil-helix domain contain
mito0152	4C	NM_002890	NP_072179	5921	RASA1	RAS p21 protein activator (GTPase activating prote
mito0204	4C	NM_001554	NP_001545	3491	CYR61	cysteine-rich, angiogenic inducer; 61
mito0246	4C	NM_033022	NP_148982	6229;	RPS24	ribosomal protein S24
mito0308	4C	NM_014394	NP_055709	27069	GH1TM	growth hormone inducible transmembrane protein
mito0311	4C	NM_005398	NP_005389	5507	PPPIR3C	protein phosphatase 1, regulatory (inhibitor) subu
mito0338	4C	NM_014184	NP_054903	29097	HSFC163	HSFC163 protein
mito0380	4C	NM_016482	NP_057604	51759; 1861	C9orf78	chromosome 9 open reading frame 78
mito0407	4C	NM_006457	NP_006448	10611	LIM	LIM protein (similar to rat protein kinase C-bindi
mito0494	4C	NM_021190	NP_067013	58155	PTB1B2	poly(pyrimidine tract binding protein 2
mito0535	4C	NM_019026	NP_061899	54499	LOC4499	putative membrane protein
mito0577	4C	NM_000574	NP_000565	1604	DAF	decay accelerating factor for complement (CD55, Cr
mito0582	4C	NM_145297	NP_660340	199777	ZNF626	zinc finger protein 626
mito0595	4C	NM_000351	NP_000342	412	STS	steroid sulfatase (microsomal), arylsulfatase C, i
mito0647	4C	NM_021122				
mito0670	4C	NM_005175	NP_005166	516	ATP5G1	ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 co
mito0826	4C	NM_002797	NP_002788	5693	PSMB5	prosome (prosome; macropain) subunit, beta type

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mtao862_4C	NM_001442	NP_001433	2167	FABP4	fatty acid binding protein 4, adipocyte
mtao890_4C	NM_024342	NP_077318	2909	GRLFI	glucocorticoid receptor DNA binding factor 1
mtao909_4C	NM_001000	NP_000991	6170	RPL39	ribosomal protein L39
mtao1015_4C	NM_172178	NP_751918	28977	MRPL42	mitochondrial ribosomal protein L42
mtao1055_4C	NM_016106	NP_879255	23226	SCFD1	sec1 family domain containing 1
mtao1058_4C	NM_022257	NP_036389	26959	HBPI	HMG-box transcription factor 1
mtao1062_4C	NM_02803	NP_002794	5701	PSMC2	proteasome (prosome, macropain) 26S subunit, A1P <sub>18</sub>
mtao1071_4C	NM_038689	NP_116238	84935	CML66	chronic myelogenous leukemia tumor antigen 66
mtao1079_4C	NM_014178	NP_054897	29091	STXBP6	synaptosomal-associated protein 6 (amisyn)
mtao1097_4C	NM_000889	NP_000880	1278	COL1A2	collagen, type I, alpha 2
mtao1193_4C	NM_004719	NP_004710	9169	SRS2IP	splicing factor, arginine/serine-rich 2, interacti
mtao1276_4C	NM_014382	NP_055197	27032	ATP2C1	ATPase, Ca <sup>++</sup> Transporting, type 2C, member 1
mtao1279_4C	NM_152692	NP_689905	29071	CGALT2	core 1 UDP-galactose:N-acetylgalactosamine-alpha-1,6-
mtao1285_4C	NM_174979	NP_003849	8812;	CCNK	cyclin K
mtao1324_4C	NM_033657	NP_38706	7818	DAP3	death associated protein 3
mtao1337_4C	NM_014380	NP_996800	27018	NGFRAP1	nerve growth factor receptor (TNFRSF16) associated
mtao1354_4C	NM_016410	NP_057494	51510	C9orf83	chromosome 9 open reading frame 83
mtao1380_4C	NM_000602	NP_000593	5054	SPINE1	serine (or cysteine) proteinase inhibitor, clade E
mtao1427_4C	NM_015317	NP_056132	23369	PUM2	pumilio homolog 2 (Drosophila)
mtao1445_4C	NM_000255	NP_000246	4594	MUT	methionyl-tRNA Coenzyme A mutase
mtao1473_4C	NM_024010	NP_076915	4552	MTRR	5-methyltetrahydrofolate-homocysteine methyltransfer
mtao1494_4C	NM_012120	NP_056252	23607	CD2AP	CD2-associated protein
mtao1520_4C	NM_002845	NP_002836	5797; 80041	PTPRM	protein tyrosine phosphatase, receptor type, M
mtao1551_4C	NM_141591	NP_653192	119032	C10orf32	chromosome 10 open reading frame 32

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mito1583	4C	NM_014671				
mito1621	4C	NM_003051	NP_003042	6566	SLC16A1	solute carrier family 16 (monocarboxylic acid tran
mito1676	4C	NM_006708	NP_006699	2739	GLO1	glyoxalase 1
mito1660	4C	NM_006432	NP_006423	10577	NPC2	Niemann-Pick disease, type C2
mito1662	4C	NM_003590	NP_003581	8352	CUL3	cullin 3
mito1923	4C	NM_003467	NP_003458	7832	CXCR4	chemokine (C-X-C motif) receptor 4
mito1971	4C	NM_003336	NP_861442	7319	UBE2A	ubiquitin-conjugating enzyme E2A (RAD6 homolog)
mito2013	4C	NM_016146	NP_057230	51399	TRAPPC4	trafficking protein particle complex 4
mito2072	4C	NM_006870	NP_006861	11034	DSTN	desmin (actin depolymerizing factor)
mito2156	4C	NM_001010	NP_001001	6194	RPS6	ribosomal protein S6
mito2158	4C	NM_007167	NP_660353	9204	ZNF258	zinc finger protein 258
mito2173	4C	NM_005016	NP_114366	5094	PCBP2	poly(rC) binding protein 2
mito2268	4C	NM_005917	NP_005908	4190	MDH1	malate dehydrogenase 1, NAD (soluble)
mito2319	4C	NM_015932	NP_057016	51371	C13orf12	chromosome 13 open reading frame 12
mito2327	4C	NM_005752	NP_005743	10143	C11CSF1	C-type calcium dependent, carbonylate-recognition
mito2333	4C	NM_015874	NP_976029	3516	RIP5UH	recombinant binding protein suppressor of hairless
mito2413	4C	NM_015958	NP_057042	51611;	CGI-30	CGI-50 protein
mito2421	4C	NM_1713578	NP_775849	283135	FLJ90834	hypothetical protein FLJ90834
mito2475	4C	NM_032869	NP_116258	84955	CML66	chronic myelogenous leukemia tumor antigen 66
mito2478	4C	NM_014300	NP_051115	23478;	SPC18	signal peptidase complex (18kD)
mito2522	4C	NM_014142	NP_054861	11164	NUDT5	nudix (nucleoside diphosphate linked moiety X)-type
mito2536	4C	NM_001343	NP_001334	1601	DAB2	disabled homolog 2, nitrogen-responsive phosphoprot
mito2557	4C	NM_003909	NP_003900	8895	CPNE3	copine III
mito2580	4C	NM_001386	NP_001377	1808	DPLSL2	dihydropyrimidinase-like 2
mito2652	4C	NM_006469	NP_006460	10625	IVNS1ABP	influenza virus NS1A binding protein

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mito2788 4C	NM_0005251	NP_005242	2303	FOXC2	forkhead box C2 (Mfh-1, mesenchyme forkhead 1)
mito2818 4C	NM_016079	NP_057163	51652	VPS24	vacuolar protein sorting 24 (yeast)
mito2851 4C	NM_022731	NP_073568	64710	NUCKS	nuclear ubiquitous casein kinase and cyclin-dependent
mito3080 4C	NM_005903	NP_005894	4090	MADH5	MAD, mothers against decapentaplegic homolog 5 (Dr)
mito3342 4C	NM_019066	NP_061879	54469	AWP1	protein associated with PRK1
mito3367 4C	NM_014751	NP_055566	9788	MTSSI	metastasis suppressor 1
mito3395 4C	NM_003135	NP_063126	6728; 7310	SRP19	signal recognition particle 19kDa
mito3439 4C	NM_014039	NP_054758	28970	PTD012	PTD012 protein
mito3471 4C	NM_016472	NP_057556	51527	C14orf129	chromosome 14 open reading frame 129
mito3514 4C	NM_003690	NP_003681	8575	PKKRA	protein kinase, interferon-inducible double strand
mito3620 4C	NM_005625	NP_005616	6386	SDCBP	syndecan binding protein (synterin)
mito3629 4C	NM_014624	NP_054339	6277;	S100A6	S100 calcium binding protein A6 (calcydin)
mito3646 4C	NM_001686	NP_001677	506	ATP5B	ATP synthase, H <sup>+</sup> transporting, mitochondrial F1 co
mito3786 4C	NM_014713	NP_055528	9741	LAPTM4A	lysosomal-associated protein transmembrane 4 alpha
mito3799 4C	NM_003128	NP_042265	6711; 5696	SPTBN1	spectrin, beta, non-cytohydroytic 1
mito3812 4C	NM_013286	NP_037418	29890	HUMAGCGB	chromosome 3p21.1 gene sequence
mito3913 4C	NM_016061	NP_057145	51646	CGI-127	cytoskeletal protein
mito3923 4C	NM_003613	NP_003604	8483	CLIP	cartilage intermediate layer protein, nucleotide P
mito43939 4C	NM_018158	NP_060628	22950	SLC1A1AP	solute carrier family 1 (anion exchanger), member
mito43944 4C	NM_003000	NP_000291	5320	PLA2G2A	phospholipase A2, group IIa (platelets, synovial f
mito43963 4C	NM_006834	NP_006825	10981	RAB32	RAB32, member RAS oncogene family
mito44009 4C	NM_002734	NP_997637	5573	PRKARIA	protein kinase, cAMP-dependent, regulatory, type 1
mito44014 4C	NM_021203	NP_067026	58477	SRPRB	signal recognition particle receptor, B subunit
mito44064 4C	NM_032940	NP_116558	5432	POLR2C	polymerase (RNA) II (DNA directed) polypeptide C,
mito44076 4C	NM_020154	NP_064539	56851	LOC566851	chromosome 15 hypothetical A/G/P binding protein

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mito4135	4C	NM_173215	NP_775322	10725	NFAT5	nuclear factor of activated T-cells 5, tonicity- $\alpha$
mito4196	4C	NM_183419	NP_904355	23897	RNF19	ring finger protein 19
mito4241	4C	NM_000194	NP_000185	3251	HPT1	hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan)
mito4285	4C	NM_005923	NP_005914	4217	MAP3K5	mitogen-activated protein kinase kinase kinase 5
mito4321	4C	NM_000112	NP_000103	1836	SLC26A2	solute carrier family 26 (sulfate transporter), me
mito4548	4C	NM_016357	NP_057441	51474	EPIN	epithelial protein lost in neoplasm beta
mito4552	4C	NM_014752	NP_055567	9789	KIAA0102	KIAA0102 gene product
mito4636	4C	NM_019555	NP_062455	50650	ARHGEF3	Rho guanine nucleotide exchange factor (GEF) 3
mito4667	4C	NM_001799	NP_001790	1022	CDK7	cyclin-dependent kinase 7 (MO15 homolog, Xenopus)
mito4721	4C	NM_006349	NP_006340	10467	ZNHIT1	zinc finger, HIT domain containing 1
mito4738	4C	NM_002370	NP_002361	4116	MAGOH	magorashi homolog, proliferation-associated (Drosophila)
mito4894	4C	NM_020166	NP_004551	56922	MCC1	methyl(erythronoyl)-Coenzyme A carboxylase 1 (alpha)
mito5083	4C	NM_006620	NP_006611	10767	HS3IL	HS31-like (S. cerevisiae)
mito5097	4C	NM_181795	NP_861460	5570	PKIB	protein kinase (cAMP-dependent, catalytic) inhibit
mito5326	4C	NM_004374	NP_004365	1345	COX6C	cytochrome c oxidase subunit VIc
mito5355	4C	NM_000096	NP_000087	1356	CP	ceruloplasmin (ferroxidase)
mito5461	4C	NM_021999	NP_068839	9445	ITM2B	integral membrane protein 2B
mito5468	4C	NM_005909	NP_143399	4131	MAP1B	microtubule-associated protein 1B
mito5531	4C	NM_215785		25703	Rbp4	retinol binding protein 4
mito5586	4C	NM_017787	NP_060257	54838	C10orf26	chromosome 10 open reading frame 26
mito5614	4C	NM_031412	NP_113600	23710	GABARAPL1	GABA(A) receptor-associated protein-like 1
mito5691	4C	NM_003415	NP_694422	10795	ZNF268	zinc finger protein 268
mito5692	4C	XM_041865				
mito5695	4C	NM_002807	NP_002798	5707	PSMD1	prosome (prosome, macropain) 26S subunit, non- $\alpha$
mito5696	4C	NM_001780	NP_001771	967	CD63	CD63 antigen (melanoma 1 antigen)

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mitoat5773	4C	NM_001799	NP_001790	1032	Cdk7	cyclin-dependent kinase 7 (MO15 homolog, <i>Xenopus</i> 1)
mitoat5836	4C	NM_007115	NP_009046	7130	TNFAIP6	tumor necrosis factor, alpha-induced protein 6
mitoat5902	4C	NM_016331	NP_057415	51193	ANC_2H101	zinc finger protein ANC_2H101
mitoat6035	4C	NM_004898	NP_004889	9575	CLOCK	clock homolog (mouse)
mitoat6064	4C	NM_032263	NP_115039	84223	DKFZp134B27	hypothetical protein DKFZp134B27
mitoat6091	4C	NM_003129	NP_003120	6713	SQLE	stearate epoxidase
mitoat6093	4C	NM_002863	NP_002854	5836	PYGL	phosphorylase, glycogen, liver (Hers disease, glycogen phosphorylase, glycogen, liver (Hers disease, glycogen)
mitoat6150	4C	NM_152383	NP_689796	158947	MGC40053	hypothetical protein MGC40053
mitoat6174	4C	NM_006393	NP_998734	10529	NEBL	nebulette
mitoat6268	4C	NM_006609	NP_006600	10746	MAP3K2	mitogen-activated protein kinase kinase kinase 2
mitoat6418	4C	NM_003364	NP_003255	7097	TLR2	tol-1-like receptor 2
mitoat6476	4C	NM_006895	NP_008826	3176	HNM1	histamine N-methyltransferase
mitoat6582	4C	NM_005520	NP_005511	3187	HNRPH1	heterogeneous nuclear ribonucleoprotein H1 (H)
mitoat6621	4C	NM_021252	NP_067075	22931	RAB18	RAB8, member RAS oncogene family
mitoat6721	4C	NM_002473	NP_002464	4627	MYH9	myosin, heavy polypeptide 9, non-muscle
mitoat6731	4C	NM_134264	NP_599027	26118	WSB1	WD repeat and SOCS box-containing 1
mitoat6738	4C	NM_002525	NP_0025243	2353	FOS	v-fos FB1 murine osteosarcoma viral oncogene homolog
mitoat6739	4C	NM_015984	NP_057068	51377	UCH15	ubiquitin carboxyl-terminal hydrolase 15
mitoat6854	4C	NM_138799	NP_620154	129642	LOC129642	hypothetical protein BC016005
mitoat6913	4C	NM_006551		114971	LOC114971	hypothetical protein LOC114971
mitoat7015	4C	NM_001025	NP_001016	6228	RP523	ribosomal protein S23
mitoat7140	4C	NM_004840	NP_004831	9459	ARIGEF6	Rac/Cdc42 guanine nucleotide exchange factor (GEFF)
mitoat7299	4C	NM_004247	NP_004238	9343	U5116KD	U5 snRNP-specific protein, 116 kD
mitoat7317	4C	NM_000163	NP_000154	2690	GHR	growth hormone receptor
mitoat7323	4C	NM_134442	NP_604391	1385	CREB1	cAMP responsive element binding protein 1

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mi007602	4C	NM_178191	NP_835498	93974	ATPBP1	ATPase inhibitory factor 1
mi008314	4C	NM_018434	NP_060904	55819	RNF130	ring finger protein 130
mi008539	4C	NM_004951	NP_004942	1880	EB12	Epstein-Barr virus induced gene 2 (lymphocyte-spec
mi008548	4C	NM_198258	NP_997705	1876	ELF6	ELF transcription factor 6
mi008647	4C	NM_026357	NP_065090	57092	PCNP	PEST-containing nuclear protein
mi008773	4C	NM_006504	NP_997386	401388; 7979;	FLJ42280	FLJ42280 protein
mi008774	4C	NM_138931	NP_620309	604; 389 185	BC16	B-cell CLL/lymphoma 6 (zinc finger protein 51)
mi008796	4C	NM_006923	NP_008854	6388	SDF2	stromal cell-derived factor 2
mi008811	4C	NM_024529	NP_078805	79577	HRPT2	hyperparathyroidism 2 (with jaw tumor)
mi008851	4C	NM_000204	NP_000195	3426	IF	I factor (complement)
mi008852	4C	NM_001614	NP_001605	71	ACTG1	actin, gamma 1
mi008864	4C	NM_004673	NP_004664	9068	ANGPTL1	angiopoietin-like 1
mi008880	4C	NM_032012	NP_114401	23731	Coorf5	chromosome 9 open reading frame 5
mi008912	4C	NM_012218	NP_703194	3609;	ILF3	interleukin enhancer binding factor 3, 90kDa
mi008946	4C	NM_005817	NP_005808	10226	MABPBP1	mannose-6-phosphate receptor binding protein 1
mi008952	4C	NM_001131	NP_001122	2037	EPB41L2	erythrocyte membrane protein band 4.1-like 2
mi008970	4C	NM_014236	NP_050501	8443	GNPAT	glyceroneophosphate O-acyltransferase
mi008984	4C	NM_001012	NP_001003	6202; 9416 1	RPS8	ribosomal protein S8
mi008998	4C	NM_002709	NP_996760	5500	PP1CB	protein phosphatase 1, catalytic subunit, beta iso
mi009007	4C	NM_032121	NP_115497	84061	DKF4p564K1	implantation-associated protein
mi009033	4C	NM_024292	NP_077268	59236; 5300	UBL5	ubiquitin-like 5
mi009060	4C	NM_015497	NP_056312	25963	DKFZP564G2	DKFZP564G2022 protein
mi009093	4C	NM_172164	NP_751896	4678	NASP	nuclear autoantigenic sperm protein (histone-bindi

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mi009154_4C	NM_001884	NP_001875	1404	HAPLN1	hyaluronan and proteoglycan link protein 1
mi009179_4C	NM_006585				
mi009294_4C	NM_139069	NP_620709	5601	MAPK9	mitogen-activated protein kinase 9
mi009473_4C	NM_133493	NP_598000	135228	CD109	CD109 antigen (Gly platelet allantogens)
mi009505_4C	NM_006541	NP_006532	10539	TXNL2	thioredoxin-like 2
mi009510_4C	NM_005857	NP_005848	10269	ZMPSTE24	zinc metalloproteinase (STE24 homolog, yeast)
mi009581_4C	NM_005998	NP_005989	7203	CCT3	chaperonin containing TCP1, subunit 3 (gamma)
mi009630_4C	NM_000534	NP_000525	5378	PMS1	PMS1 postmeiotic segregation increased 1 (S. cerev
mi009649_4C	NM_021645	9724		KIAA0266	KIAA0266
mi009666_4C	NM_031461	NP_113649	83690	LOC83690	CoeoCrisp
mi009717_4C	NM_018368	NP_060838	55788	Corf209	chromosome 6 open reading frame 209
mi009792_4C	NM_001067	NP_001058	7153	TOP2A	topoisomerase (DNA) II alpha 170kDa
mi009831_4C	NM_006463	NP_998787	10617	STAMBP	STAM binding protein
mi009891_4C	NM_003972	NP_003963	9044	BTAFI	BTAFI RNA polymerase II, B-1F11D transcription fac
mi009935_4C	NM_005813	NP_005804	23683	PRKCN	protein kinase C nu
mi00b154_4C	NM_018442	NP_060912	55827	PC326	PC326 protein
mi00b167_4C	NM_016474	NP_057558	51244	LOC51244	hypothetical protein LOC51244
mi00b178_4C	NM_006519	NP_006510	6993	TCTEL1	t-complex-associated t-testis-expressed 1-like 1
mi00b189_4C	NM_014938	NP_055753	22877	MONDOA	Mix interactor
mi00b202_4C	NM_003768	NP_003759	8882; 844	PEA15	phosphoprotein enriched in astrocytes 15
mi00b207_4C	NM_152749	NP_689962	222255	MGC33190	hypothetical protein MGC33190
mi00b361_4C	NM_013444	NP_038472	29978	UBQLN2	ubiquitin 2
mi00b496_4C	NM_004719	NP_004710	9169	SFRS21P	splicing factor, arginine/serine-rich 2, interact
mi00b885_4C	NM_007126	NP_009057	7415	VCP	valosin-containing protein
mi00b877_4C	NM_004663	NP_004654	8766	RAB11A	RAB11A, member RAS oncogene family

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miob0926_4C	NM_017993	NP_060463	55068	FLJ10094	hypothetical protein FLJ10094
miob0939_4C	NM_003566	NP_003557	8411	EEA1	early endosome antigen 1, 162kD
miob0973_4C	NM_031419	NP_113607	64332	MAIL	molecule possessing ankyrin repeats induced by lip
miob0974_4C	NM_03721	NP_604389	8625	RFXANK	regulatory factor X-associated ankyrin-containing
miob1001_4C	NM_000690	NP_000881	1281	COL3A1	collagen, type III, alpha 1 (Ehlers-Danlos syndrom
miob1016_4C	NM_000900	NP_000891	4256	MGP	matrix Gla protein
miob1062_4C	NM_022977	NP_075266	2182	ACSL4	acyl-CoA synthetase long-chain family member 4
miob1115_4C	NM_000297	NP_000288	5311	PKD2	polycystic kidney disease 2 (autosomal dominant)
miob1231_4C	NM_022833	NP_443085	90956	ADCK2	aarf domain containing kinase 2
miob1326_4C	NM_015453	NP_056268	25917	DKZF7434F0	DKZF7434F091 protein
miob1337_4C	NM_003246	NP_003237	7057	THBS1	thrombospondin 1
miob1493_4C	NM_0_14684				
miob1506_4C	NM_003480	NP_003471	8076	MFAP5	microfibrillar associated protein 5
miob1734_4C	NM_000382	NP_000573	6696	SPPI	secreted phosphoprotein 1 (osteopontin, bone sialo
miob1789_4C	NM_004877	NP_008686	9535	GMFG	glia maturation factor, gamma
miob2067_4C	NM_173474	NP_775545	123803	NTAN1	N-terminal asparagine amidase
miob2227_4C	NM_003662	NP_003653	8544	PIR	Print
miob2375_4C	NM_005324	NP_005315	3021	H3F3B	H3 histone, family 3B (H3.3B)
miob2492_4C	NM_006642	NP_006633	10806	SDCCAG8	serologically defined colon cancer antigen 8
miob2567_4C	NM_018297	NP_060767	55768	NGLY1	N-glycanase 1
miob2700_4C	NM_017818	NP_065390	60485	SAV1	salvador homolog 1 (Drosophila)
miob2705_4C	NM_173082	NP_775105	257218	SHPRH	SNF2 histone linker PHD RING helicase
miob2743_4C	NM_005534	NP_005525	3460	IFNGR2	interferon gamma receptor 2 (interferon gamma tran
miob2836_4C	NM_004079	NP_004070	1520	CTSS	cathepsin S
miob2835_4C	NM_080425	NP_536351	2778	GNAS	GNAS complex locus

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mitob3044_4C	NM_007153	NP_003414	7594;7757	[ZNF43]	zinc finger protein 43 (HF16)
mitob3131_4C	NM_001718	NP_001709	654	[BMP6]	bone morphogenic protein 6
mitob3348_4C	NM_004966	NP_004957	385	[HNRPF]	heterogeneous nuclear ribonucleoprotein F
mitob3396_4C	NM_002450				
mitob3411_4C	NM_04210	NP_055025	2123	[EV12A]	ectopic viral integration site 2A
mitob3426_4C	NM_003880	NP_937882	8838	[WISP3]	WNT1 inducible signaling pathway protein 3
mitob3443_4C	NM_022170	NP_114381	7458	[WBSCK]	Williams-Beuren syndrome chromosome region 1
mitob3461_4C	NM_006010	NP_006001	7873	[ARMET]	arginine-rich, mutated in early stage tumors
mitob3471_4C	NM_004631	NP_150643	7804	[LRP8]	low density lipoprotein receptor-related protein 8
mitob3477_4C	NM_002512	NP_002503	4831	[NME2]	non-metastatic cells 2, protein (NM23B) expressed
mitob3531_4C	NM_003473	NP_003464	8027	[SIAM]	signal transducing adaptor molecule (SH2 domain an
mitob3684_4C	NM_017944	NP_006414	55031	[USP47]	ubiquitin specific protease 47
mitob3690_4C	NM_014751	NP_055566	9788	[MTSS1]	metastasis suppressor 1
mitob3696_4C	NM_005406	NP_005597	6093	[ROCK1]	Rho-associated, coiled-coil containing protein kin
mitob3763_4C	NM_145686	NP_663720	9448	[MAP4K4]	mitogen-activated protein kinase kinase kinase kinase kin
mitob3898_4C	NM_006930	NP_733779	6500	[SKP1A]	S-phase kinase-associated protein 1A (p19A)
mitob5911_4C	NM_005596	NP_005587	4781	[NFIB]	nuclear factor I/B
mitob5938_4C	XM_087525				
mitob3953_4C	NM_014372	NP_055187	26994	[RNFI1]	ring finger protein 11
mitob3982_4C	NM_006743	NP_006734	5935	[RBM3]	RNA binding motif (RNP1, RRM) protein 3
mitob4037_4C	NM_014177	NP_054896	29090	[HSPC154]	HSPC154 protein
mitob4055_4C	NM_007203	NP_443749	114299;	[PALM2]	paralemmin 2
mitob4058_4C	NM_004357	NP_620599	977	[CD151]	CD151 antigen
mitob4157_4C	NM_016436	NP_057520	51230	[C2orf104]	chromosome 20 open reading frame 104
mitob4238_4C	NM_006335	NP_006326	10440	[TINM17A]	translocase of inner mitochondrial membrane 17 hom

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miob4475 4C	NM_005527	NP_005718	101/03	TSPAN-1	tetraspan 1
miob570 4C	NM_0003100	NP_003091	664/3	SNX2	sorting revin 2
miob1574 4C	NM_012086	NP_036218	933/0	GTF3C3	general transcription factor IIIC, polypeptide 3,
miob4593 4C	NM_001658	NP_001649	375	ARF1	ADP-Ribosylation factor 1
miob4673 4C	NM_007114	NP_009045	7110	TMF1	TATA element modulatory factor 1
miob4712 4C	NM_005248	NP_005239	2268	FGR	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene
miob4743 4C	NM_080424	NP_536349	3431	SP110	SP110 nuclear body protein
miob4793 4C	NM_016258	NP_057342	51441	HGRG8	high-glucose-regulated protein 8
miob4836 4C	NM_002504	NP_667345	4799	NFX1	nuclear transcription factor, X-box binding 1
miob4860 4C	NM_007147	NP_009078	7728	ZNF175	zinc finger protein 175
miob4867 4C	NM_032308	NP_115684	84268	MGC4189	hypothetical protein MGC4189
miob4876 4C	NM_001844	NP_149162	1280; 4670	COL2A1	collagen, type II, alpha 1 (primary osteoarthritis)
miob4956 4C	NM_005869	NP_005860	10283	SDCCAG10	serologically defined colon cancer antigen 10
miob4975 4C	NM_0002094	NP_000195	3426	IF	I factor (complement)
miob5016 4C	NM_181746	NP_839330	29956	LASS2	LAG1 longevity assurance homolog 2 ( <i>S. cerevisiae</i> )
miob5412 4C	NM_005437	NP_005428	8031	NCOA4	nuclear receptor coactivator 4
miob5492 4C	NM_003542	NP_003531	8361; 8364	HS3TH4F	histone 1, H4f
miob5646 4C	NM_003599	NP_852001	8464	SLP13H	suppressor of Ty 3 homolog ( <i>S. cerevisiae</i> )
miob5675 4C	NM_003630	NP_005621	8504	PEX3	peroxisomal biogenesis factor 3
miob5699 4C	NM_012257	NP_036389	26959	HBP1	HMGB-box transcription factor 1
miob5736 4C	NM_005433	NP_005424	7525	YES1	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1
miob6223 4C	NM_007038	NP_008969	11096	ADAMTSS5	a disintegrin-like and metalloproteinase (reprolysin
miob6372 4C	NM_007158	NP_009089	7812	DIS3SE	NIRAS-related gene
miob6373 4C	NM_016289	NP_057373	51719	MO25	MO25 protein
miob6419 4C	NM_000518	NP_000509	3043	HBB	hemoglobin, beta

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miob6450_4C	NM_006559	NP_006550	10657	KHDRBS1	KH domain containing, RNA binding, signal transduc
miob6457_4C	NM_021227	NP_067050	58505	DC2	DC2 protein
miob6456_4C	NM_001412	NP_001403	1964	EIF1A	eukaryotic translation initiation factor 1A
miob6562_4C	NM_002116	NP_002407	4283	CXCL9	chemokine (C-X-C motif) ligand 9
miob6595_4C	NM_018448	NP_060918	55832	TRIP120A	TBP-interacting protein
miob6610_4C	NM_001885	NP_001876	1410	CRYAB	crystallin, alpha B
miob6797_4C	NM_004735	NP_004726	9208;	LRRTM1	leucine rich repeat (in FLII) interacting protein
miob6821_4C	NM_019006	NP_061879	54469	AWP1	protein associated with PRK1
miob6881_4C	NM_007285	NP_009216	11345	GABARAPL2	GABA(A) receptor-associated protein-like 2
miob6904_4C	NM_182851	NP_872872	57820	C CNB1IP1	cyclin B1 interacting protein 1
miob6988_4C	NM_006997	NP_996744	10579	TACC2	transforming, acidic coiled-coil containing protein
miob7109_4C	NM_001414	NP_001405	1967	EF2B1	eukaryotic translation initiation factor 7B, subu
miob7156_4C	NM_001356	NP_076829	1654	DDX3X	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked
miob7309_4C	NM_002669	NP_002660	5356	PLRG1	pleiotropic regulator 1 (PRL1homolog, Arabidopsis)
miob7373_4C	NM_145808	NP_665807	136319	MTPN	myotrophin
miob7391_4C	NM_024071	NP_076976	79038	ZFYVE21	zinc finger, FYVE domain containing 21
miob7658_4C	NM_005261	NP_859053	2669	GEM	GTP binding protein overexpressed in skeletal musc
miob8143_4C	NM_021243				
miob8214_4C	NM_018555	NP_061025	55422	ZNF331	zinc finger protein 331
miob8320_4C	NM_003860	NP_003851	8815	BANFI	barrier to autointegration factor 1
miob8341_4C	NM_012308	NP_036440	22992	FBXL11	F-box and leucine-rich repeat protein 11
miob8572_4C	NM_152852	NP_690591	64231	MS4A6A	membrane-spanning 4-domains, subfamily A, member 6
miob8609_4C	NM_015947	NP_057031	51008	ASCC1	activating signal cointegrator 1 complex subunit 1
miob8657_4C	NM_002719	NP_848703	5527	PP2R5C	protein phosphatase 2, regulatory subunit B (B56),
miob8694_4C	NM_138798	NP_620153	129531	LOC120531	hypothetical protein BC018453

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miob87114C	NM_016322	NP_057406	51552	RAB14	RAB14, member RAS oncogene family
miob88124C	NM_014887	NP_055702	10443	PF4AAPS	phosphonofomate immuno-associated protein 5
miob89324C	NM_000104	NP_000095	1545	CYP1B1	cytochrome P450, family 1, subfamily B, polypeptide
miob89474C	NM_005594	NP_005585	4666;5557	NACA	nascent-polypeptide-associated complex alpha polyp
miob90524C	NM_021201	NP_996823	58475	MS4A7	membrane-spanning 4-domains, subfamily A, member 7
miob90654C	NM_01885	NP_114091	583	BBS2	Bardet-Biedl syndrome 2
miob91214C	NM_018229	NP_066699	55745	C14orf108	chromosome 14 open reading frame 108
miob91854C	NM_015275	NP_056090	23325	KIAA1033	KIAA033 protein
miob92844C	NM_001443	NP_001434	2168	FABP1	fatty acid binding protein 1, liver
miob93364C	NM_013386	NP_998816	29957	DKFZp586G0	calcium-binding transporter
miob93934C	NM_004404	NP_004395	4735;55917	NEDD5	neural precursor cell expressed, developmentally d
miob98484C	NM_002725	NP_958505	5549	PRELP	proline arginine-rich end leucine-rich repeat prot
miob99074C	NM_006606	NP_697043	10741	RBBP9	retinoblastoma binding protein 9
mioc00904C	NM_004117	NP_004108	2289;	FKBP5	FK506 binding protein 5
mioc01214C	NM_022731	NP_073568	64710	NUCKS	nuclear ubiquitous casein kinase and cyclin-depend
mioc02224C	NM_017654	NP_060124	54809	FLJ20073	FLJ20073 protein
mioc03174C	NM_173582	NP_775853	283209	PGM2L1	phosphoglucomutase 2-like 1
mioc03754C	NM_020182	NP_954640	56937	TMEPA1	transmembrane, prostate androgen induced RNA
mioc07414C	NM_032747	NP_116136	84833	USMG5	upregulated during skeletal muscle growth 5
mioc08244C	NM_020221				
mioc08994C	NM_014786	NP_055601	9828	ARRHGEF17	Rho guanine nucleotide exchange factor (GEF) 17
mioc09504C	NM_031935	NP_114141	83872	FIBL-6	hemiechinin
mioc10604C	NM_0254666	NP_078942	79719	FLJ11506	hypothetical protein FLJ11506
mioc11224C	NM_007266	NP_009197	11321	XAP1	XPA binding protein 1
mioc11984C	NM_004331	NP_004322	665	BNP3L	BCL2adenvirus E1B 19kDa interacting protein 3-ii

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mioc1205	4C	NM_0005311				
mioc1440	4C	NM_0005578	NP_0005569	4026	LRRP	LM domain containing preferred translocation part
mioc1609	4C	NM_014707	NP_848512	9734	IDAC9	histone deacetylase 9
mioc1928	4C	NM_015631	NP_056446	26123	IDKZF2564 ID1 DKFZP564D116	protein
mioc2019	4C	NM_015710	NP_056525	29997	GLTSCR2	glioma tumor suppressor candidate region gene 2
mioc2039	4C	NM_004375	NP_004366	1353	COX11	COX11 homolog, cytochrome c oxidase assembly protein
mioc2074	4C	NM_022899	NP_075050	93973	ACTR8	ARH8 actin-related protein 8 homolog (yeast)
mioc2166	4C	NM_06256	NP_062247	5586	PRKCL2	protein kinase C-like 2
mioc2173	4C	NM_002803	NP_002794	5701	PSMC2	proteasome (prosome, macropain) 26S subunit, A1Ps
mioc2219	4C	NM_005455	NP_976225	9406	ZNF265	zinc finger protein 265
mioc2253	4C	NM_015508	NP_056333	25976	TIPARP	TCD2-inducible poly(ADP-ribose) polymerase
mioc2592	4C	NM_019597	NP_062543	3188	INRPH2	heterogeneous nuclear ribonucleoprotein H2 (H)
mioc2694	4C	NM_004792	NP_004783	9360	PIG	peptidyl-prolyl isomerase G (cyclophilin G)
mioc2726	4C	NM_022121	NP_071404	64065	PERP	PERP, TP53 apoptosis effector
mioc2806	4C	NM_004652	NP_068706	8239	USP9X	ubiquitin specific protease 9, X-linked (fat facet)
mioc2880	4C	NM_033213	NP_149990	93474	MGGC12466	hypothetical protein MGGC12466
mioc2911	4C	NM_004162	NP_004153	5868	RAB5A	RAB5A, member RAS oncogene family
mioc2950	4C	NM_005831	NP_005822	10241	NDP52	nuclear domain 10 protein
mioc3127	4C	NM_033138	NP_149547	800	CALDI	caldesmon 1
mioc3206	4C	NM_024041	NP_076946	79005	SCNMI	sodium channel modifier 1
mioc3208	4C	NM_000668	NP_000659	125	ADH1B	alcohol dehydrogenase 1B (class 1), beta polypepti
mioc3430	4C	NM_002635	NP_998777	5250	SLC25A3	solute carrier family 25 (mitochondrial carrier, p
mioc3574	4C	NM_001578	NP_004569	5867	10638	RAB4A
mioc3618	4C	NM_002869	NP_942599	5870	RAB6A	RAB6A, member RAS oncogene family
mioc3716	4C	NM_021079	NP_066565	4836	NMT1	N-myristoyltransferase 1

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mioc3729_4C	NM_005699	NP_766632	I0068	IL18BP	interleukin 18 binding protein
mioc3906_4C	NM_013225	NP_037387	4289	MKLN1	muskelin 1, intracellular mediator containing kalc
mioc3930_4C	NM_003131	NP_003122	6722	SRF	serum response factor (c-fos serum response element
mioc3958_4C	NM_004349	NP_783554	862	CBFA2T1	cocx-binding factor, runt domain, alpha subunit 2;
mioc4022_4C	NM_018286	NP_060756	55273	FLJ10970	hypothetical protein FLJ10970
mioc4089_4C	NM_139286	NP_644815	216184	CDC26	cell division cycle 26
mioc4247_4C	NM_001788	NP_001779	989	CDC10	CDC10 cell division cycle 10 homolog (S. cerevisia
mioc4290_4C	NM_006937	NP_008868	6613	SMT3H2	SMT3 suppressor of mit two 3 homolog 2 (yeast)
mioc4318_4C	NM_032265	NP_115954	84650	EBPL	enopamini binding protein-like
mioc4366_4C	NM_002693	NP_002684	5128	POLG	polymerase (DNA directed), gamma
mioc4420_4C	NM_005717	NP_005708	10092	ARPC5	actin related protein 2/3 complex, subunit 5, 16kD
mioc4534_4C	NM_001686	NP_001677	506	ATPSB	ATP synthase, H <sup>+</sup> -transporting, mitochondrial F1 co
mioc4641_4C	NM_000310	NP_000301	5538	PPT1	palmitoyl-protein thioesterase 1 (ceroid-lipofusci
mioc4667_4C	NM_008472	NP_000942	55855;	HT011	uncharacterized hypothalamus protein HT011
mioc4696_4C	NM_003194	NP_003185	6908	TBP	TATA box binding protein
mioc4766_4C	NM_018457	NP_000927	54458	DKFZP564J1	DKFZP564J157, protein
mioc5125_4C	NM_020648	NP_006699	57045	TWSGI	twisted gastrulation homolog 1 (Drosophila)
mioc5307_4C	NM_003371	NP_976249	387758	LOC387758	similar to RIKEN cDNA 110018M03
mioc5532_4C	NM_006470	NP_006461	10626	TRIM16	tripartite motif-containing 16
mioc5643_4C	NM_024665	NP_078941	79718	IRAI	likely ortholog of mouse IRA1 protein
mioc5661_4C	NM_006785	NP_776216	10892	MALTI	mucosa associated lymphoid tissue lymphoma translo
mioc5740_4C	NM_0010101	NP_001092	60; 71	ACTB	actin, beta
mioc6075_4C	NM_024334	NP_077310	79188	MGC3222	hypothetical protein MGC3222
mioc6114_4C	NM_004830	NP_050763	9439	CRSP3	cofactor required for Sp1 transcriptional activati
mioc6260_4C	NM_199511	NP_955806	151887	URB	steroid sensitive gene 1

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mioc6312	4C	NM_017740	NP_060210	55625	ZDHHC7	zinc finger, DHHC domain containing 7
mioc6847	4C	NM_024633	NP_078909	70686	C14orf139	chromosome 14 open reading frame 139
mioc6987	4C	NM_006837	NP_006828	10987	COPSS	COP9 constitutive photomorphogenic homolog subunit
mioc6997	4C	NM_016306	NP_057390	51726	DNAIB11	DnaJ (Hsp40) homolog, subfamily B, member 11
mioc7170	4C	NM_002349	NP_002340	4065	LYT5	lymphocyte antigen 75
mioc7260	4C	NM_014315	NP_055130	22588	KLHDCC2	keltch domain containing 2
mioc7331	4C	NM_017933	NP_060403	55022	FLJ20701	hypothetical protein FLJ20701
mioc7560	4C	NM_018327	NP_060797	55304	CT200f38	chromosome 20 open reading frame 38
mioc7570	4C	NM_002838	NP_563580	5788	PTPRC	protein tyrosine phosphatase, receptor type, C
mioc7444	4C	NM_014992	NP_055807	23002	DAAMI	dishevelled associated activator of morphogenesis
mioc7509	4C	NM_032230	NP_115606	84190	FLJ22789	hypothetical protein FLJ22789
mioc7561	4C	NM_004878	NP_942092	9536	PTGES	prostaglandin E synthase
mioc7086	4C	NM_018480	NP_060950	55863	HT1007	uncharacterized hypothalamus protein HT1007
mioc7744	4C	NM_016447	NP_057531	51678	MPB6	membrane protein, palmitoylated 6 (MAGUK p55 subfa
mioc7764	4C	NM_024571	NP_078847	79622	C16orf33	chromosome 16 open reading frame 33
mioc7807	4C	NM_018291	NP_060761	55277	FLJ10986	hypothetical protein FLJ10986
mioc7818	4C	NM_031210	NP_112487	81892	DC50	hypothetical protein DC50
mioc7895	4C	NM_006432	NP_006423	10577	NPC2	Niemann-Pick disease, type C2
mioc7998	4C	NM_057175	NP_476516	80155	TBDN100	transcriptional coactivator tubedown-100
mioc8057	4C	NM_005065	NP_005056	6400	SEL1L	sel-1 suppressor of lin-12-like (C. elegans)
mioc8379	4C	NM_138394	NP_612403	92906	LOC92906	hypothetical protein BC0088217
mioc8410	4C	NM_022129	NP_071412	64081	MAWBP	MAWD binding protein
mioc8423	4C	NM_001386	NP_001377	1808	DPPS12	dihydropyrimidinase-like 2
mioc8434	4C	NM_207425	399821	FLJ37035	protein	
mioc8479	4C	NM_032870	NP_116259	25957	C6orf11	chromosome 6 open reading frame 111

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mioc8619_4C	NM_021960	NP_877495	4170	MCL1	myeloid cell leukemia sequence 1 (BCL2-related)
mioc882_4C	NM_021104	NP_066927	6171	RPL41	ribosomal protein L41
mioc8694_4C	NM_016316	NP_057400	51455	REVIL	REV1-like (yeast)
mioc0340_4C	NM_016127	NP_057211	51669	MGC8721	hypothetical protein MGC8721
mioc0441_4C	NM_176824	NP_789794	55212	BBST	Bardet-Biedl syndrome 7
mioc0592_4C	NM_000255	NP_000246	4594	MUT	methylmalonyl Coenzyme A mutase
mioc0686_4C	XM_071675				
mioc1108_4C	NM_001949	NP_001940	1871	E2F3	E2F transcription factor 3
mioc1195_4C	NM_014480	NP_053595	27300	ZNF544	zinc finger protein 544
mioc1236_4C	NM_017824	NP_060294	401932	FLJ20445	hypothetical protein FLJ20445
mioc1331_4C	XM_084964				
mioc1389_4C	NM_004663	NP_004654	8766	RAB11A	RAB11A, member RAS oncogene family
mioc1448_4C	NM_015920	NP_057004	51065	RPS27L	ribosomal protein S27-like
mioc1542_4C	NM_018502	NP_060972	55374	PRO1580	hypothetical protein PRO1580
mioc1558_4C	NM_007173	NP_009104	11098	SPUVE	protease, serine, 23
mioc1811_4C	NM_018050	NP_060520	56682	MANSC1	MANSC domain containing 1
mioc1925_4C	NM_183422	NP_904358	8848	TGFBI14	transforming growth factor beta 1 induced transcri
mioc1942_4C	NM_030921				
mioc2025_4C	NM_018017	NP_060487	55088	C10orf118	chromosome 10 open reading frame 118
mioc2128_4C	NM_002526	NP_002517	4907	NT5E	5'-nucleotidase, ecto (CD73)
mioc2323_4C	NM_030777	NP_110404	81031	SLC2A10	solute carrier family 2 (facilitated glucose trans
mioc2330_4C	NM_032427	NP_115803	84441	MAML2	mastermind-like 2 (Drosophila)
mioc2412_4C	NM_006535	NP_006536	10440	TIMM17A	translocase of inner mitochondrial membrane 17 hom
mioc2525_4C	NM_002734	NP_997637	5573	PRKAR1A	protein kinase, cAMP-dependent, regulatory, type I
mioc2635_4C	NM_019051	NP_061924	54534	MRRP1,50	mitochondrial ribosomal protein L50

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mirod2639_4C	NM_006010	NP_006001	7873	LARMET	arginine-rich, mutated in early stage tumors
mirod2665_4C	NM_03318	NP_201575	91689	LOC91689	hypothetical gene supported by AL449243
mirod2837_4C	NM_017987	NP_060457	55680	RUFY2	RUN and FVYE domain containing 2
mirod3468_4C	NM_020536	NP_808779	57325	CSR2BP	CSR2P binding protein
mirod3591_4C	NM_004117	NP_004108	2289	FKBPS	FK506 binding protein 5
mirod3854_4C	NM_032054		401257		
mirod4140_4C	NM_014781	NP_055596	9821	RB1CC1	RB1 -inducible coiled-coil 1
mirod4142_4C	NM_012469	NP_036601	24148	C2orf114	chromosome 20 open reading frame 14
mirod4342_4C	NM_001316	NP_803185	1434	CSE1L	CSE1L chromosome segregation 1-like (yeast)
mirod4338_4C	NM_018048	NP_060518	55110	FLJ10292	hypothetical protein FLJ10292
mirod4407_4C	NM_002491	NP_002482	4709	NDUFB3	NADH dehydrogenase (ubiquinone) 1 beta subcomplex
mirod4449_4C	NM_080821	NP_543011	116151	C2orf108	chromosome 20 open reading frame 108
mirod4539_4C	NM_198057	NP_932174	1831	DSPI	delta sleep inducing peptide, immunoreactor
mirod4759_4C	NM_172230	NP_757385	84447	HRD1	HRD1 protein
mirod5030_4C	NM_07198	NP_009129	11212	PR0SC	proline synthetase co-transcribed homolog (bacteri
mirod5123_4C	NM_031431	NP_113619	83548	C0G3	component of oligomeric gojogl complex 3
mirod5110_4C	NM_034579	NP_078855	79630	FLJ23221	hypothetical protein FLJ23221
mirod5349_4C	NM_152350	NP_689563	125144	MGC40157	hypothetical protein MGC40157
mirod5369_4C	NM_020143	NP_064528	56902	LOC56902	putative 28 kDa protein
mirod5505_4C	NM_015310	NP_996792	23362	EFA6R	ADP-ribosylation factor guanine nucleotide factor
mirod5651_4C	NM_018129	NP_060599	55163	PNPO	pyridoxine-5'-phosphate oxidase
mirod5698_4C	NM_017935	NP_060405	55024	BANK1	B-cell scaffold protein with ankyrin repeats 1
mirod5703_4C	NM_004152	NP_004143	4946	OAZ1	ornithine decarboxylase antizyme 1
mirod5707_4C	NM_003142	NP_003133	6741	SSB	Sjogren syndrome antigen B (autoantigen L4)
mirod6029_4C	NM_052880	NP_443112	113791	MGC17330	HG1 gene

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mi066041	4C	NM_007235	NP_009166	11260	XPO1	exportin, tRNA (nuclear export receptor for tRNAs)
mi066044	4C	NM_000305	NP_000296	5445	PON2	paroxonase 2
mi066068	4C	NM_005875	NP_005866	10289	GC20	translation factor sub1 homolog
mi066162	4C	NM_145911	NP_666016	7571	ZNF23	zinc finger protein 23 (KOX16)
mi066238	4C	NM_018981	NP_0611834	54431	DNAJC10	DnaJ (Hsp40) homolog, subfamily C, member 10
mi066437	4C	NM_020974	NP_066025	57758	SCUBE2	signal peptide, CUB domain, EGF-like 2
mi066467	4C	NM_004652	NP_068706	8239	USP9X	ubiquitin specific protease 9, X-linked (fat facet)
mi066560	4C	NM_153261	NP_689474	90488	MGC17943	hypothetical protein MGC17943
mi066731	4C	XM_087279				
mi066845	4C	NM_032593	NP_115982	84681	HLNT2	histidine triad nucleotide binding protein 2
mi066947	4C	NM_144721	NP_653322	15815	THAP6	THAP domain containing 6
mi067243	4C	NM_006403	NP_892011	4739	NEDD9	neural precursor cell expressed, developmentally d
mi067331	4C	NM_198859	NP_942559	166336	PRICKLE2	prickle-like 2 (Drosophila)
mi067351	4C	NM_003945	NP_003936	8992	ATP6V0E	ATPase, H <sup>+</sup> transporting, lysosomal 9kDa, V0 subunit
mi067414	4C	NM_032338	NP_115714	84298	MGC14817	hypothetical protein MGC14817
mi067440	4C	NM_022901	NP_075052	64922	LRRC19	leucine rich repeat containing 19
mi067451	4C	NM_006873	NP_006664	11037	SBLF	stored B-like factor
mi060119	4C	NM_003908	NP_003899	8894	EIF2S2	eukaryotic translation initiation factor 2, subunit
mi060225	4C	NM_002160	NP_002151	3371	TNC	tenascin C (hexabrachion)
mi06045	4C	NM_030759	NP_110386	29982	NRBF2	nuclear receptor binding factor 2
mi06075	4C	NM_002024	NP_002015	2332	FMR1	fragile X mental retardation 1
mi06132	4C	NM_033625	NP_296374	6164	RPL34	ribosomal protein L34
mi06153	4C	NM_006379	NP_006370	10512	SEMA3C	sema domain, immunoglobulin domain (Ig), short bas
mi06194	4C	NM_000416	NP_000407	3459	IFNGR1	interferon gamma receptor 1
mi06212	4C	NM_000599	NP_000590	3488	IGFBP5	insulin-like growth factor binding protein 5

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ncrf0223	4C	NM_002865	NP_002856	5862	RAB2	RAB2, member RAS oncogene family
ncrf0238	4C	NM_007021	NP_008952	11067	C10orf10	chromosome 10 open reading frame 10
ncrf0240	4C	NM_007118	NP_009049	7204	TRIO	triple functional domain (PTPRF interacting)
ncrf0258	4C	NM_021141	NP_066964	7520	XRCC5	X-ray repair complementing defective repair in Chi
ncrf0335	4C	NM_016141	NP_057225	51143	DNCL11	dynein, cytoplasmic, light intermediate polypeptid
ncrf0438	4C	NM_014933	NP_057295	22872	SEC31LI	SEC31-like (S. cerevisiae)
ncrf0478	4C	NM_002234	NP_003225	7037	TFRC	transferrin receptor (p90, CD71)
ncrf0531	4C	NM_013332	NP_037464	20923	HIG2	hypoxia-inducible protein 2
ncrf0547	4C	NM_003324	NP_005315	3021	H3F3B	H3 histone, family 3B (H3.3B)
ncrf0612	4C	NM_006857	NP_006848	11017	RY1	putative nucleic acid binding protein RY-1
ncrf0615	4C	NM_006888	NP_008819	801	CALM1	calmodulin 1 (phosphorylase kinase, delta)
ncrf0634	4C	NM_006029	NP_006020	9240	PNMA1	pancancerplastic antigen MA1
ncrf0733	4C	NM_004048	NP_004039	567	B2M	beta-2-microglobulin
ncrf0766	4C	NM_006286	NP_006277	7029	TIDP2	transcription factor Dp-2 (EZF dimerization partne
ncrf0808	4C	NM_000252	NP_000243	4534	MTM1	myotubular myopathy 1
ncrf0847	4C	NM_001001	NP_000992	6166	RPL36A1	ribosomal protein L3a-like
ncrf0898	4C	NM_132446				
ncrf0912	4C	NM_014288	NP_055103	23321	ITGB3BP	integrin beta 3 binding protein (beta3-catenin)
ncrf0976	4C	NM_020948	NP_065999	57708	MLLR1	mesoderm induction early response 1
ncrf1235	4C	NM_003859	NP_003850	8813	DPM1	dolichyl-phosphate mannose transferase polypeptide
ncrf1351	4C	NM_005004	NP_004995	4714	NDUFB8	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
ncrf1352	4C	NM_014247				
ncrf1387	4C	NM_0011884	NP_0011875	1404	HAPLN1	hyaluronan and proteoglycan link protein 1
ncrf1437	4C	NM_020748	NP_065799	57508	KIAA1287	KIAA1287 protein
ncrf1526	4C	NM_006811	NP_945179	10955	TDE1	tumor differentially expressed 1

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ncr1550	4C	NM_014672				
ncr1563	4C	NM_016604	NP_057688	51780	JMD1B	jumonji domain containing 1B
ncr1631	4C	NM_016371	NP_057455	51478	HS3DI7B7	hydroxysteroid (17-beta) dehydrogenase 7
ncr1802	4C	NM_005897	NP_005888	3652	IIPP	intracisternal A particle-promoted polypeptide
ncr1876	4C	NM_006738	NP_658913	11214	AKAP13	A kinase (PRKA) anchor protein 13
ncr9112	4C	NM_053025	NP_444260	4638	MYLK	myosin light polypeptide kinase
ncr2013	4C	NM_020898	NP_065949	57658	KIAA1536	KIAA1536 protein
ncr2182	4C	NM_033540	NP_284941	55669	MFNL	midofusin 1
ncr2269	4C	NM_020182	NP_954640	56937	TMEVPL	transmembrane, prostate androgen induced RNA
ncr2293	4C	NM_007364	NP_031390	23123	P24B	integral type I protein
ncr2304	4C	NM_033262	NP_116071	27086	FOXP1	forkhead box P1
ncr2408	4C	NM_1718191	NP_835498	93974	ATP1F1	ATPase inhibitory factor 1
ncr2472	4C	NM_004180	NP_597841	10010	TANK	TRAF family member-associated NF- $\kappa$ B activator
ncr2484	4C	NM_015017	NP_963920	23032	USP33	ubiquitin specific protease 33
ncr2486	4C	NM_006474	NP_938203	10630	TAZ	lung type-I cell membrane-associated glycoprotein
ncr2666	4C	NM_004966				
ncr2717	4C	NM_139078	NP_620777	8550	MADKAPK5	mitogen-activated protein kinase-activated protein
ncr2792	4C	NM_012245	NP_036377	22938	SNW1	SK-1-interacting protein
ncr2861	4C	NM_173647	NP_775918	284996	RNF149	ring finger protein 149
ncr2905	4C	NM_032870	NP_116259	25957	C6orf111	chromosome 6 open reading frame 111
ncr2966	4C	NM_021151	NP_066974	54677	CROT	carnitine O-octanoyltransferase
ncr3035	4C	NM_003182	NP_054704	6863	TAC1	tachykinin, precursor 1 (substance K, substance P,
ncr3037	4C	NM_000975	NP_000966	6135	RPL11	ribosomal protein L11
ncr3118	4C	NM_022977	NP_075266	2182	ACSL4	acyl-CoA synthetase long-chain family member 4
ncr3163	4C	NM_145645	NP_684281	155400	WBSCR20C	Williams Beuren syndrome chromosome region 20C

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			3403	
ncr3172	4C	NM_001380	NP_001371	1793
ncr3197	4C	NM_145080	NP_659547	197370
ncr3237	4C	NM_015001	NP_055816	23013
ncr5268	4C	NM_020371	NP_065104	57099
ncr5339	4C	NM_006996	NP_000987	6165
ncr5368	4C	NM_015070	NP_055885	23091
ncr5396	4C	NM_006808	NP_006799	10952
ncr5402	4C	NM_015959	NP_057043	51075
ncr5434	4C	NM_005699	NP_766632	10068
ncr5465	4C	NM_017728	NP_060198	54868
ncr5496	4C	NM_194450	NP_919412	6038;283
ncr5614	4C	NM_000993	NP_000984	6160
ncr5684	4C	NM_005644	NP_005635	6883
ncr3713	4C	NM_006024	NP_006015	8887
ncr3751	4C	NM_014206	NP_055021	746
ncr3778	4C	NM_003184	NP_003175	6873
ncr3782	4C	NM_003463	NP_0033454	7803
ncr811	4C	NM_032411	NP_115187	84417
ncr5837	4C	NM_021219	NP_067042	58494
ncr5843	4C	NM_182643	NP_872584	10395
ncr5948	4C	NM_003851	NP_003842	8804
ncr4118	4C	NM_016494	NP_057578	51255
ncr4126	4C	NM_001780	NP_001771	967
ncr4140	4C	NM_024408	NP_077719	4853
			NOTCH2	Notch homolog 2 (Drosophila)

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ncr4202	4C	NM_145036	NP_659473	201134	MGC33887	hypothetical protein MGC33887
ncr4416	4C	NM_001904	NP_001895	1499	CTNNB1	catenin (cadherin-associated protein), beta 1, 88k
ncr4452	4C	NM_001998	NP_001989	2199	FLBN2	fibulin 2
ncr5339	4C	NM_014285	NP_055100	23404	EXOSC2	exosome component 2
ncr4545	4C	NM_152608	NP_689821	163859	FLJ35382	hypothetical protein FLJ35382
ncr5510	4C	NM_301731				
ncr4551	4C	NM_032311	NP_833237	84271	POLDIP3	polymerase (DNA-directed), delta interacting protein
ncr4656	4C	NM_007146	NP_009077	7716	ZNF161	zinc finger protein 161
ncr5066	4C	NM_002117	NP_002108	3107	HLA-C	major histocompatibility complex, class I, C
ncr5168	4C	NM_015902	NP_056986	51366	DD5	progesterin induced protein
ncr5488	4C	NM_005153	NP_005144	9100	USP10	ubiquitin specific protease 10
ncr5568	4C	NM_005914	NP_877473	4173	MCM4	MCM4 minichromosome maintenance deficient 4 (S. ce
ncr5713	4C	NM_002070	NP_002061	2771	GNA12	guanine nucleotide binding protein (G protein), al
ncr5939	4C	NM_170606	NP_733751	58508	MLL3	myeloid/lymphoid or mixed-lineage leukemia 3
ncr6072	4C	NM_133259	NP_573566	10128	LRPPRC	leucine-rich PPK-motif containing
ncr6141	4C	NM_007043	NP_008974	11103	HBR2	HTLV-1 rev binding protein 2
ncr6142	4C	NM_004068	NP_004059	1173	AD2M1	adaptor-related protein complex 2, mu 1 subunit
ncr6232	4C	NM_014608	NP_055423	23191	CYFIP1	cytoplasmic FMR1 interacting protein 1
ncr6335	4C	NM_005859	NP_005850	5813	PURA	purine-rich element binding protein A
ncr7082	4C	NM_002117	NP_002108	3107	HLA-C	major histocompatibility complex, class I, C
ncr7267	4C	NM_015484	NP_997053	25949	P29	GCP-P-interacting protein p29
ncr7345	4C	NM_006629	NP_006620	10778	ZNF271	zinc finger protein 271
ncr7595	4C	NM_032621	NP_116010	84707	BEX2	brain expressed X-linked 2
ncr7668	4C	NM_0066827	NP_006818	10972	TMP21	transmembrane trafficking protein
ncr7672	4C	NM_006988	NP_008919	9510	ADAMTS1	a disintegrin-like and metalloprotease (reprolysin

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ncr7768	4C	NM_033055	NP_149044	64645	HTAT1	hippocampus abundant transcript 1
ncr7813	4C	NM_004477	NP_004468	2483	FRGI	FSHD region gene 1
ncr7852	4C	NM_000249	NP_000240	4292	MHL1	multi homolog 1, colon cancer, nonpolyposis type 2
ncr7904	4C	NM_012479	NP_036611	7532	YWHAG	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase
ncr7973	4C	NM_021227	NP_067050	58505	DC2	DC2 protein
ncr8041	4C	NM_020997	NP_817114	26225	ARL5	ADP-ribosylation factor-like 5
ncr8067	4C	NM_015878	NP_680479	51582	OAZIN	ornithine decarboxylase antizyme inhibitor
ncr8290	4C	NM_000740	NP_000731	1131	CHRM3	cholinergic receptor, muscarinic 3
ncr8342	4C	NM_001207	NP_001198	689; 220793	BTF3	basic transcription factor 3
ncr8388	4C	NM_005104	NP_005095	6046	BRD2	bromodomain containing 2
ncr8693	4C	NM_005342	NP_003531	8361; 8364	HIST1H4F	histone 1, H4f
ncr8811	4C	NM_016144	NP_057228	51397	COMMD10	COMMD domain containing 10
ncr8843	4C	NM_003640	NP_003631	8518; 10880	IKBKAP	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein
ncr8866	4C	NM_004155	NP_004146	5272	SERPINB9	serine (or cysteine) protease inhibitor, clade B
ncr8893	4C	NM_023230	NP_115696	84280	GMRF1	K <sub>+</sub> channel tetramerization protein
ncr8975	4C	NM_003347	NP_937800	7332	UBER1L3	ubiquitin-conjugating enzyme E2L 3
ncr8995	4C	NM_153366				
ncr9108	4C	NM_014188	NP_054907	29101	HSPC182	HSPC182 protein
ncr9165	4C	NM_000636	NP_000627	6648	SOD2	superoxide dismutase 2, mitochondrial
ncr9337	4C	NM_003407	NP_003398	7538	ZFP36	zinc finger protein 36, C3H type, homolog (mouse)
ncr9429	4C	NM_014437	NP_055252	27173	SLC39A1	solute carrier family 39 (zinc transporter), member
ncr9549	4C	NM_006876	NP_006867	11041	B3GNT16	UDP-GlcNAc-betaGal beta-1,3-N-acetylglucosaminidase
ncr9596	4C	NM_022777	NP_073614	64792	RABL5	RAB3 member RAS oncogene family-like 5
ncr9919	4C	NM_006910	NP_116015	5930	RBBP6	retinoblastoma binding protein 6
ncr9933	4C	NM_0001212	NP_001203	708	C1QBP	complement component 1, q subcomponent binding pro

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ncrb0054	4C	NM_007100	NP_009031	521	ATPS1	ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 co
ncrb1445	4C	NM_014169	NP_054888	29082	Cl-4orf23	chromosome 14 open reading frame 123
ncrb0262	4C	NM_000671	NP_000662	128	ADH5	alcohol dehydrogenase 5 (class III), chi polypepti
ncrb0328	4C	NM_018950	NP_061823	3134	HLA-F	major histocompatibility complex, class I, F
ncrb1513	4C	NM_000903	NP_000894	1728	NQO1	NAD(P)H dehydrogenase, quinone 1
ncrb0696	4C	NM_014706	NP_055521	9733	SART13	squamous cell carcinoma antigen recognised by T ce
ncrb0782	4C	NM_001710	NP_001701	629	B-F	B-factor, proprotein
ncrb1373	4C	NM_001172	NP_001163	384	ARG2	arginase, type II
ncrb1438	4C	NM_033414	NP_219482	90441	ZNF622	zinc finger protein 622
ncrb1456	4C	NM_031407				
ncrb1802	4C	NM_003760	NP_003751	8672	EIF4G3	eukaryotic translation initiation factor 4 gamma
ncrb1956	4C	NM_019003	NP_061876	54466	SPIN2	spinlin family, member 2
ncrb2092	4C	NM_019111	NP_061984	3122	H4A-DRA	major histocompatibility complex, class II, DR alp
ncrb2266	4C	NM_022818	NP_073729	81631	MAPILC3B	microtubule-associated procin 1 light chain 3 bet
ncrb2288	4C	NM_004613	NP_004654	8106	PABPN1	poly(A) binding protein, nuclear 1
ncrb2544	4C	NM_018996	NP_061869	57690	KIAA1582	KIAA1582 protein
ncrb5001	4C	NM_025191	NP_079467	80267	C1orf22	chromosome 1 open reading frame 22
ncrb5003	4C	NM_032217	NP_942592	26057	ANKRD17	ankyrin repeat domain 17
ncrb3284	4C	NM_021079	NP_066565	4836	NMT1	N-myristoyltransferase 1
ncrb3501	4C	NM_020151	NP_644672	56910	STARD7	STARD domain containing 7
ncrb3329	4C	NM_005655	NP_005646	7071	TIEG	TGF $\beta$ inducible early growth response
ncrb3585	4C	NM_001613	NP_001604	59	ACTA2	actin, alpha 2, smooth muscle, aorta
ncrb3702	4C	NM_031229	NP_112506	10616	C2orf118	chromosome 20 open reading frame 18
ncrb3936	4C	NM_018046	NP_060516	55109	VG5Q	angiogenic factor VG5Q
ncrb3942	4C	NM_011892				

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ncrb4039	4C	NM_181304	NP_851824	122704	MRPL52	mitochondrial ribosomal protein L52
ncrb4182	4C	NM_018590	NP_061060	55454	GALNACT2	chondroitin sulfate GalNAcT-2
ncrb4319	4C	NM_153365	NP_699196	202018	FLJ90013	hypothetical protein FLJ90013
ncrb4339	4C	NM_211709				
ncrb4390	4C	NM_000972	NP_000963	6130:	RPL7A	ribosomal protein L7a
ncrb4441	4C	NM_004547	NP_004538	4710	NDUFB4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex
ncrb4538	4C	NM_001226	NP_116787	839	CASP6	caspase 6, apoptosis-related cysteine protease
ncrb4912	4C	NM_003618	NP_003609	8491	MAPK3	mitogen-activated protein kinase kinase kinase 1
ncrb4957	4C	NM_003881	NP_003872	8839	WISP2	WN11 inducible signaling pathway protein 2
ncrb5197	4C	NM_021149	NP_066972	23406	COTL1	coctosin-like 1 (Dityostellum)
ncrb5595	4C	NM_002318	NP_002309	4017	LOXL2	lysyl oxidase-like 2
ncrb6037	4C	NM_001540	NP_001531	3315	HSPB1	heat shock 27kDa protein 1
ncrb6087	4C	NM_015962	NP_057046	51077	C14orf11	chromosome 14 open reading frame 111
ncrb6192	4C	NM_032754				
ncrb6327	4C	NM_001697	NP_001688	539	ATP5O	ATP synthase, H <sup>+</sup> transporting, mitochondrial F1 co
ncrb6432	4C	NM_032632	NP_116021	10914	PAPOLA	poly(A) polymerase alpha
ncrb6453	4C	NM_020133	NP_064518	56895:	AGPAT4	1-acylglycerol-3-phosphate O-acyltransferase 4 (ly
ncrb6550	4C	NM_001531	NP_001322	1500	CTNND1	catenin (cadherin-associated protein), delta 1
ncrb6661	4C	NM_032943	NP_996813	54843	SYTL2	synaptosomal-like 2
ncrb6681	4C	NM_022330	NP_073741	64852	RBM21	RNA binding motif protein 21
ncrb6853	4C	NM_006624	NP_997644	10771	ZMYND11	zinc finger, MYND domain containing 11
ncrb7102	4C	NM_005611	NP_005602	5934	RBL2	retinoblastoma-like 2 (p130)
ncrb7292	4C	NM_017976				
ncrb7726	4C	NM_021094	NP_065955	57664	PLK1HA4	pleckstrin homology domain containing, family A (p
ncrb8063	4C	NM_015966	NP_938408	51614	SDBCAG84	serologically defined breast cancer antigen 84

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ncrb8134	4C	NM_173473	NP_775744	119504	C10orf104	chromosome 10 open reading frame 104
ncrb8203	4C	NM_021826				
ncrb8207	4C	NM_063713	NP_803133	8613	PPAP2B	phosphatidic acid phosphatase type 2B
ncrb8239	4C	NM_022928	NP_076417	65985	AACS	acetoacetyl-CoA synthetase
ncrb8253	4C	NM_056000	NP_005591	4817	NIT1	nitinase 1
ncrb8273	4C	NM_014570	NP_055385	26286	ARIGAP3	ADP-ribosylation factor GTPase activating protein
ncrb8343	4C	NM_022748	NP_073585	64759	TENS1	tensin-like SH2 domain containing 1
ncrb8385	4C	NM_000493	NP_000484	1300	COL10A1	collagen, type X, alpha 1 (Schmid metapheal chond
ncrb8392	4C	NM_014624	NP_055439	6277;	S100A6	S100 calcium binding protein 6 (calcydin)
ncrb8437	4C	NM_001402	NP_001393	1915;	EEF1A1	eukaryotic translation elongation factor 1 alpha 1
ncrb8451	4C	XM_050219	171024	SYNPO2 <sub>2</sub>	synapopodin	
ncrb8649	4C	NM_016060	NP_057144	51003	C01-125	CG1-125 protein
ncrb8665	4C	NM_198057	NP_932174	1831	DSPI	delta sleep inducing peptide, immunoreactor
ncrb8693	4C	NM_004798	NP_004789	9371	KIF3B	kinesin family member 3B
ncrb8751	4C	NM_052905	NP_443137	114793	FMNLL2	formin-like 2
ncrb8790	4C	NM_024839	NP_079115	70897	RPP21	ribonuclease P 21kDa subunit
ncrb8820	4C	NM_018243	NP_060713	55752	FLJ10849	hypothetical protein FLJ10849
ncrb8821	4C	NM_002635	NP_998777	5250	SLC25A3	solute carrier family 25 (mitochondrial carrier, P
ncrc0090	4C	NM_014613	NP_055428	23197	ETEA	expressed in T-cells and eosinophils in atopic der
ncrc0100	4C	NM_031461	NP_113649	83690	LOC83690	CocaCrisp
ncrc0101	4C	XM_084482		84159	ARR10B	AT-rich interactive domain 5B (MRI5-like)
ncrc0150	4C	NM_004048	NP_004039	567	B2M	beta-2-microglobulin
ncrc0174	4C	NM_004837	NP_004828	9453	GGPS1	geranylgeranyl diphosphate synthase 1
ncrc0259	4C	NM_001402	NP_001393	1915;	EEF1A1	eukaryotic translation elongation factor 1 alpha 1

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merc0292	4C	NM_005687	NP_005678	10056	FARS1B	phenylalanine-RNA synthetase-like, beta subunit
merc0304	4C	NM_017869	NP_524576	54971	BANP	BTG3 associated nuclear protein
merc0342	4C	NM_145351	NP_663327	8578; 8347	SCARF1	scavenger receptor class F, member 1
merc0383	4C	NM_002796	NP_002787	5692	PSMB4	proteasome (prosome, macropain) subunit, beta type
merc0413	4C	NM_012328	NP_036460	4189	DNAIB9	DnaJ (Isp40) homolog, subfamily B, member 9
merc0583	4C	NM_003922	NP_003923	6767	ST13	suppression of tumorigenicity 13 (colon carcinoma)
merc0640	4C	NM_022660	NP_036592	26061	IIPCL2	2-hydroxyphytanoyl-CoA lyase
merc0667	4C	NM_018405	NP_060875	55352	ISA272_196	hypothetical protein, clone 2746033
merc0704	4C	NM_000393	NP_000384	1290	COL5A2	collagen, type V, alpha 2
merc0715	4C	NM_005922	NP_006715	4216	MAP3K4	mitogen-activated protein kinase kinase kinase 4
merc0729	4C	NM_01922	NP_114128	85021	RIPSI	RALIP1 associated Eps domain containing 1
merc0793	4C	NM_004791	NP_004782	93538	ITGB1I	integrin, beta-like 1 (with EGF-like repeat domain
merc0803	4C	NM_148976	NP_683877	5682	PSMA1	proteasome (prosome, macropain) subunit, alpha type
merc0846	4C	NM_014248	NP_055063	9978	RBX1	ring-box 1
merc0856	4C	NM_006048	NP_006039	10277	UBE4B	ubiquitination factor E4B (UEF2 homolog, yeast)
merc0863	4C	NM_006472	NP_006463	10628	IYNIP	thioredoxin interacting protein
merc0883	4C	NM_002356	NP_002347	4082	MARCKS	myristoylated alanine-rich protein kinase C substrate
merc1049	4C	NM_004040	NP_004031	388	RHOB	ras homolog gene family, member B
merc1140	4C	NM_031284	NP_112574	83440	ADP-GK	ATP-dependent glutokinase
merc1176	4C	NM_016131	NP_057215	10890	RAB10	RAB10, member RAS oncogene family
merc1231	4C	NM_014713	NP_055528	9741	LAPTM4A	lysosomal-associated protein transmembrane 4 alpha
merc1402	4C	NM_022902	NP_076960	64924	SLC30A5	solute carrier family 30 (zinc transporter), member
merc1502	4C	NM_054027	NP_473368	56172	ANKK1	ankylosis, progressive homolog (mouse)
merc1595	4C	NM_006265	NP_006256	5885	RAD21	RAD21 homolog (S. pombe)
merc1751	4C	NM_001685	NP_001676	522	ATP5J	ATP synthase, H+ transporting, mitochondrial F0 co

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ncrc1765	4C	NM_015508	NP_056323	25976	TIPARP	TCDD-inducible poly(ADP-ribose) polymerase
ncrc1873	4C	NM_001613	NP_001604	59	ACTA2	actin, alpha 2, smooth muscle, aorta
ncrc1885	4C	NM_001948	NP_001939	1854	DUT	dUTP pyrophosphatase
ncrc1952	4C	NM_139279	NP_644808	90411	MCFD2	multiple coagulation factor deficiency 2
ncrc1999	4C	NM_021034	NP_066362	10410	IFTM3	interferon induced transmembrane protein 3 (1-81)
ncrc2018	4C	NM_001174	NP_038286	395	ARHGAP6	Rho GTPase activating protein 6
ncrc2119	4C	NM_001920	NP_598014	1634	DCN	decorin
ncrc2273	4C	NM_013234	NP_037366	27335	eIF3k	eukaryotic translation initiation factor 3 subunit
ncrc2413	4C	NM_018164	NP_060634	55726	FLJ10637	hypothetical protein FLJ10637
ncrc2472	4C	NM_051216	NP_056031	23362	KIAA0433	KIAA0433 protein
ncrc2613	4C	NM_022749	NP_073586	64760;	RAL16	retinoic acid induced 16
ncrc2685	4C	NM_002790	NP_002781	5686	PSMA5	proteasome (prosome, macropain) subunit, alpha type
ncrc2776	4C	NM_006469	NP_006460	10625	IVNS1ABP	influenza virus NS1A binding protein
ncrc2859	4C	NM_017934	NP_060404	55023	PHIP	preekstin homology domain interacting protein
ncrc2888	4C	NM_024104	NP_070099	79086	MGC2747	hypothetical protein MGC2747
ncrc2928	4C	NM_003063	NP_003054	6388	SLN	sarcolein
ncrc2940	4C	NM_176824	NP_789794	55212	BBST7	Bandet-Biedl syndrome 7
ncrc3045	4C	NM_017946	NP_060416	55033	FKBP14	FK506 binding protein 14, 22 kDa
ncrc3072	4C	NM_014933	NP_057295	22872	SEC31L1	SEC31-like 1 (S. cerevisiae)
ncrc3141	4C	NM_021999	NP_068839	9445	ITM2B	integral membrane protein 2B
ncrc3258	4C	NM_020235	NP_064620	56987	BBX	bobby sox homolog (Drosophila)
ncrc3276	4C	NM_144772	NP_658985	128240	AP0A1BP	apolipoprotein A-1 binding protein
ncrc3358	4C	NM_006930	NP_733779	6500	SKP1A	S-phase kinase-associated protein 1A (p19A)
ncrc3416	4C	NM_020414	NP_065147	57062	DDX24	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24
ncrc3434	4C	NM_002182	NP_608273	3356	IL1RAP	interleukin 1 receptor accessory protein

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ncrc3453	4C	NM_014905	NP_055720	2744	GLS	glutaminase
ncrc3464	4C	NM_014320	NP_055135	22593	HEBP2	heme binding protein 2
ncrc3468	4C	NM_001685	NP_001676	522	ATPSJ	ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 co
ncrc3529	4C	NM_002629	NP_002620	5223	PGAM1	phosphoglycerate mutase 1 (brain)
ncrc3536	4C	NM_017752	NP_942582	54885	FLJ20298	FLJ20298 protein
ncrc3544	4C	NM_000970	NP_000961	6128	RPL6	ribosomal protein L6
ncrc3624	4C	NM_014154	NP_998819	22852	HSPC056	HSPC056 protein
ncrc3840	4C	NM_015523	NP_056338	25996	DKFZP566E1	small fragment nucleic
ncrc3953	4C	NM_003754	NP_003745	8665	EIF3S5	eukaryotic translation initiation factor 3, subunit
ncrc4000	4C	NM_022731	NP_075568	64710	NUCKS	nuclear ubiquitous casein kinase and cyclin-depend
ncrc4047	4C	NM_007106	NP_009037	5412	UBL3	ubiquitin-like 3
ncrc4079	4C	NM_003713	NP_803133	8613	PPAP2B	phosphatidic acid phosphatase type 2B
ncrc4089	4C	NM_006335	NP_006326	10440	TIMM17A	translocase of inner mitochondrial membrane 17 hom
ncrc4226	4C	NM_0006207	NP_006198	5157	PDGFRL	platelet-derived growth factor receptor-like
ncrc4247	4C	NM_019643	NP_061916	5518	APBB1IP	amyloid beta (A4) precursor protein-binding familial
ncrc4296	4C	NM_0066828	NP_006819	10973;	HELI1	helicase, ATP binding 1
ncrc4313	4C	NM_016516	NP_057600	63921		
ncrc4351	4C	NM_0001870	NP_001861	1359	VPS34	vacuolar protein sorting 54 (yeast)
ncrc4597	4C	NM_014685	NP_055500	9709	HERPUD1	homocysteine-inducible, endoplasmic reticulum stre
ncrc4600	4C	NM_014739				
ncrc4633	4C	NM_002835	NP_002826	5782	PTPN12	protein tyrosine phosphatase, non-receptor type 12
ncrc4654	4C	NM_011513	NP_055928	23140	ZZEF1	zinc finger, ZZ-type with EF hand domain 1
ncrc4757	4C	NM_024496	NP_078772	64207	C14orf4	chromosome 14 open reading frame 4
ncrc4794	4C	NM_007085	NP_009016	11167	FSNL1	folliatin-like 1
ncrc4808	4C	NM_015638	NP_955400	26133	TRPC4AP	transient receptor potential cation channel subfa

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merc4875	4C	NM_015308	NP_056123	23360	FNBP4	formin binding protein 4
merc4885	4C	NM_006886	NP_008817	514	ATPSE	ATP synthase, H <sup>+</sup> transporting, mitochondrial F1 co
merc9013	4C	NM_015640	NP_056455	26135	PAL-RBP1	PAL-1 mRNA-binding protein
merc4985	4C	NM_000129	NP_000120	2162	F13A1	coagulation factor XIII, A1 polypeptide
merc4991	4C	NM_004071	NP_004062	1195	CLK1	CDC-like kinase 1
merc5019	4C	NM_147160	NP_671516	10280	OPRS1	opioid receptor, sigma 1
merc5039	4C	NM_006691	NP_006682	10894	XLKDI	extracellular link domain containing 1
merc5054	4C	NM_024592	NP_078868	70644	FJ13352	hypothetical protein FJ13352
merc5061	4C	NM_015046	NP_053861	23064	KIAA0625	serataxin
merc5072	4C	NM_014820	NP_055635	9868	TMOM70A	translocase of outer mitochondrial membrane 70 hom
merc5079	4C	NM_012334	NP_037366	27335	eIF3k	eukaryotic translation initiation factor 3 subunit
merc5088	4C	NM_001568	NP_001559	3646	EIF3S6	eukaryotic translation initiation factor 3, subunit
merc5091	4C	NM_002381	NP_002372	4148	MATN3	matrin 3
merc5150	4C	NM_016447	NP_057531	51678	MPP6	membrane protein, palmitoylated 6 (MAGUK p55 subia
merc5162	4C	NM_003270	NP_003261	7105	TMsf6	transmembrane 4 superfamily member 6
merc5207	4C	NM_033679	NP_116068	84765	ZNF577	zinc finger protein 577
merc5243	4C	NM_014363	NP_055178	26278	SACS	spastic ataxia of Charlevoix-Saguenay (sacsin)
merc5296	4C	NM_006618	NP_006609	10765	JAKR1D1B	Jumonji, AT-rich interactive domain 1B (RB1B2-like)
merc5363	4C	NM_012201	NP_056533	2734	GLG1	golgi apparatus protein 1
merc5369	4C	NM_004965	NP_004956	3150	HMGNI	high-mobility group nucleosome binding domain 1
merc5417	4C	NM_005625	NP_005616	6386	SDCBP	syndecan binding protein (syntenin)
merc5434	4C	NM_033027	NP_149016	64651	AXUD1	AXIN1 up-regulated 1
merc5523	4C	NM_004251	NP_004242	9367	RAB9A	RAB9A, member RAS oncogene family
merc5569	4C	NM_134442	NP_604391	1385	CREBI	cAMP responsive element binding protein 1
merc5592	4C	NM_003932	NP_003923	6767	ST13	suppression of tumorigenicity 13 (colon carcinoma)

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ncrc5608	4C	NM_005013	NP_005004	4925;	NUCB2	nuclotidebinding 2
ncrc5631	4C	NM_017924	NP_060394	55017	CL4orf19	chromosome 14 open reading frame 119
ncrc5663	4C	NM_051411	NP_062226	25870	SUMF2	sulfatase modifying factor 2
ncrc5672	4C	NM_05176	NP_065167	517;341412	ATP5G2	ATP synthase, H <sup>+</sup> transporting mitochondrial Fo co
ncrc5758	4C	NM_024078	NP_0676983	79050	MGC3162	hypothetical protein MGC3162
ncrc5760	4C	NM_021222	NP_067045	58497;	H1CD37	Tel37 homolog
ncrc5806	4C	NM_005506	NP_005497	950	SCARB2	scavenger receptor class B, member 2
ncrc5844	4C	NM_003713	NP_803133	8613	PPAP2B	phosphatidic acid phosphatase type 2B
ncrc6005	4C	NM_002247	NP_002238	3778	KCNM1	potassium large conductance calcium-activated chan
ncrc6127	4C	NM_002966	NP_002957	6281	SLC1A10	S100 calcium binding protein A10 (annexin II) ligand
ncrc6171	4C	NM_000518	NP_000509	3043	HBB	hemoglobin, beta
ncrc6382	4C	NM_014929	NP_055744	22668	KIAA0971	KIAA0971 protein
ncrc6439	4C	XM_291095		339970		Similar to glutamate receptor, ionotropic, N-methyl
ncrc6617	4C	NM_007081	NP_009012	11158	RABL2B	RAB, member of RAS oncogene family-like 2B
ncrc6795	4C	NM_203330	NP_976076	966	CD59	CD59 antigen p18-20 (antigen identified by monoclo
ncrc6817	4C	NM_013285	NP_037417	29889	HUMAUANT	nucleolar GTPase
ncrc6871	4C	NM_003455	NP_003446	7753	ZNF202	zinc finger protein 202
ncrc6953	4C	NM_016575	NP_057659	51559	TU12B1-TY	TU12B1-TY protein
ncrc6981	4C	NM_006815	NP_006806	10959	RNP24	coated vesicle membrane protein
ncrc7043	4C	NM_003418	NP_003409	7555	ZNF9	zinc finger protein 9 (a cellular retroviral nucle
ncrc7085	4C	NM_002712	NP_002703	5510	PPP1R7	protein phosphatase 1, regulatory subunit 7
ncrc7131	4C	NM_004487	NP_004478	2804	GOLGB1	golgi autoantigen, golgin subfamily b, macrogolgin
ncrc8841	4C	NM_005801	NP_005792	10209	SU11	putative translation initiation factor
ncrc8881	4C	NM_030939	NP_112201	81688	C6orf62	chromosome 6 open reading frame 62

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ncrc8903	4C	NM_003879	NP_003870	8837	CFLAR	CASP8 and FADD-like apoptosis regulator
ncrc8976	4C	NM_003887	NP_003878	8833	DDEF2	development and differentiation enhancing factor 2
ncrc9023	4C	NM_022228	NP_955471	56980	PRDM10	PR domain containing 10
ncrc9055	4C	NM_032313	NP_115689	84273	C4orf14	chromosome 4 open reading frame 14
ncrc9117	4C	NM_024801				
ncrc9217	4C	NM_033550	NP_291028	112858	C2orf64	chromosome 20 open reading frame 64
ncrc9280	4C	NM_145283	NP_660326	158046	C9orf121	chromosome 9 open reading frame 121
ncrc9304	4C	NM_016076	NP_057160	51029	PNAS-4	CG1-146 protein
ncrc9331	4C	NM_017631	NP_060101	55601	FLJ20035	hypothetical protein FLJ20035
ncrc9368	4C	NM_024579	NP_078835	79630	FLJ22321	hypothetical protein FLJ22321
ncrc9428	4C	NM_006925	NP_008836	6430	SPRS5	splicing factor, arginine-serine-rich 5
ncrc9469	4C	NM_02961	NP_062427	6275	S100A4	S100 calcium binding protein A4 (calcium protein, DEAD (Asp-Glu-Ala-Asp) box polypeptide 24
ncrc9483	4C	NM_020414	NP_065147	57062	DDX34	
ncrc9517	4C	NM_025190				
ncrc9557	4C	NM_030778				
ncrc9612	4C	NM_001207	NP_001198	689; 220793	BTTF3	basic transcription factor 3
ncrc9712	4C	NM_015701	NP_056516	27248	XTP3IPB	XTP3- $\alpha$ -transactivated protein B
ncrc9727	4C	NM_003118	NP_003109	6678	SPARC	secreted protein, acidic, cysteine-rich (osteonect
ncrc9729	4C	NM_005360	NP_005351	4094	MAF	v-maf musculoaponeurotic fibrosarcoma oncogene hom
ncrc9758	4C	NM_052966	NP_443198	116496	C1orf24	chromosome 1 open reading frame 24
ncrc9772	4C	NM_002305	NP_002296	3956; 57026;	LGALS1	lethin, galactoside-binding, soluble, 1 (galactin
ncrc9835	4C	NM_025191	NP_079467	22616		
ncrc9867	4C	NM_000968	NP_000959	6124	RPL4	ribosomal protein L4
ncrc9877	4C	NM_030917	NP_112179	81608	FIP1L1	FIP1 like 1 (S. cerevisiae)

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mcrc9899	4C	NM_014423	NP_055238	27125	AF5Q21	ALU1 fused gene from 5q31
mcrc9910	4C	NM_006206	NP_006197	5156	PDGFRA	platelet-derived growth factor receptor, alpha pol
sc000003	4C	NM_0002775	NP_002766	5654	PRSS11	protease, serine, 11 (IGF binding)
sc000008	4C	NM_014394	NP_055209	27069	GHT1M	growth hormone inducible transmembrane protein
sc000029	4C	NM_014888	NP_055703	10447	FAM3C	family with sequence similarity 3, member C
sc000032	4C	NM_000089	NP_000080	1278	COL1A2	collagen, type I, alpha 2
sc000070	4C	NM_003850	NP_003841	8803	SUCL12	succinate-CoA ligase, ADP-forming, beta subunit
sc00111	4C	NM_016990	NP_057174	10179	RBM7	RNA binding motif protein 7
sc00172	4C	NM_015507	NP_056322	25975	EGFL6	EGF-like-domain, multiple 6
sc00174	4C	NM_021109	NP_066932	7114	TMSB4X	thymosin, beta 4, X-linked
sc00219	4C	NM_002902	NP_002893	5955	RCN2	reticulocalbin 2, EF-hand calcium binding domain
sc00221	4C	NM_003329	NP_003320	7295	TXN	thioredoxin
sc00231	4C	NM_005014	NP_005005	4928	OMD	osteomodulin
sc00256	4C	NM_003380	NP_003371	7431	VIM	vimentin
sc00288	4C	NM_002432	NP_002423	4332	MNDA	myeloid cell nuclear differentiation antigen
sc00457	4C	NM_003270	NP_003261	7105	TN4SF6	transmembrane 4 superfamily member 6
sc00469	4C	NM_002293	NP_002284	3915	LAMC1	laminin, gamma 1 (formerly LAMB2)
sc00486	4C	NM_014313	NP_055128	23585	SNMP1	small membrane protein 1
sc00511	4C	NM_015976	NP_689424	51375	SNX7	sorting nexin 7
sc00539	4C	NM_006806	NP_006797	10950	BTG3	BTG family, member 3
sc00549	4C	NM_016513	NP_057597	22858	ICK	intestinal cell (MAK-like) kinase
sc00563	4C	NM_003107	NP_003098	6659	SOX4	SRY (sex determining region Y)-box 4
sc00740	4C	NM_031546	NP_29024	103910	MRLC2	myosin regulatory light chain MRLC2
sc00799	4C	NM_057180	NP_476528	51699	VPS29	vacuolar protein sorting 29 (yeast)
sc00844	4C	NM_002592	NP_872590	5111	PCNA	proliferating cell nuclear antigen

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sec00913	4C	NM_001769	NP_001760	928	CD9	CD9 antigen (p24)
sec00926	4C	NM_033301	NP_150644	6132	RPL8	ribosomal protein L8
sec00931	4C	NM_005053	NP_005044	5886	RAD23A	RAD23 homolog A (S. cerevisiae)
sec00949	4C	NM_004058	NP_542157	828	CAPS	cathepsin
sec00959	4C	NM_003884	NP_003875	8850	PCAF	p300/CBP-associated factor
sec01036	4C	NM_016107	NP_057191	51663	ZFR	zinc finger RNA binding protein
sec01056	4C	NM_005190	NP_005181	892	CNC	cyclin C
sec01065	4C	NM_003017	NP_003008	6428	SRS3	splicing factor, arginine/serine-rich 3
sec01089	4C	NM_005594	NP_005585	46666; 5557	NACA	nascent-polypeptide-associated complex alpha polyp
sec01102	4C	NM_144618	NP_653219	126626	MGC29891	hypothetical protein MGC29891
sec01104	4C	NM_016071	NP_44263	51650	MRPS33	mitochondrial ribosomal protein S33
sec01118	4C	NM_000969	NP_000960	6125	RPL5	ribosomal protein L5
sec01173	4C	NM_016587	NP_057671	11335	CBX3	chromobox homolog 3 (HPI gamma homolog, Drosophila)
sec01263	4C	NM_016063	NP_057147	51020	CoorT4	chromosome 6 open reading frame 74
sec01427	4C	NM_145690	NP_663723	7534	YWHAZ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase
sec01460	4C	NM_005843	NP_005834	10254	STAM2	signal transducing adaptor molecule [S113 domain an
sec01497	4C	NM_003715	NP_003706	8615	VDP	vesicle docking protein p115
sec01522	4C	NM_002961	NP_062427	6275	S100A4	S100 calcium binding protein A4 (calcium protein,
sec01559	4C	NM_003913	NP_789770	8839	PRPF4B	PRPF4 pre-mRNA processing factor 4 homolog B (yeast
sec01571	4C	NM_001781	NP_001772	969	CD69	CD69 antigen (p60, early T-cell activation antigen
sec01582	4C	NM_006306	NP_006297	8243	SMC1L1	SMC1 structural maintenance of chromosomes 1-like
sec01584	4C	NM_014078	NP_054797	28998	MRPL13	mitochondrial ribosomal protein L13
sec01598	4C	NM_002106	NP_002097	3015	H2AFZ	H2A histone family, member Z
sec01653	4C	NM_002381	NP_002372	4148	MA1N3	matrin 3
sec01720	4C	NM_002484	NP_002475	4682	NUBP1	nucleotide binding protein 1 (MinD homolog, E. col

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se0a1736	4C	NM_002966	NP_002957	6281	S100 calcium binding protein A10 (anexin 11) ligand
se0a1789	4C	NM_015907	NP_056991	51056	LAP3
se0a1856	4C	NM_006292	NP_006283	7251	TSG101
se0a1883	4C	NM_000108	NP_000099	1738	DILD
se0a1940	4C	NM_145169	NP_660152	113402	C0orf83
se0a1979	4C	NM_001219	NP_001210	813	CALU
se0a2012	4C	NM_0_8453	NP_060923	55837	C14orf11
se0a2041	4C	NM_0_5275	NP_056090	23325	KIAA1033
se0a2122	4C	NM_020456	NP_065189	57213	C13orf1
se0a2136	4C	NM_033014	NP_148935	4969	OGN
se0a2141	4C	NM_206866	NP_996749	571;54073	BACH1
se0a2162	4C	NM_001025	NP_001016	6228	RPS23
se0a2272	4C	NM_018491	NP_742000	150472;	CBWD2
se0a2363	4C	NM_003341	NP_872607	7324	UBRE2E1
se0a2381	4C	NM_002791	NP_002782	5687	PSMA6
se0a2391	4C	NM_014970	NP_055785	22920	KIFAP3
se0a2428	4C	NM_001157	NP_085077	1660	DHX9
se0a2442	4C	NM_006639	NP_006630	10800	CYSLR1
se0a2585	4C	NM_007781	NP_009212	11341	SCRG1
se0a2620	4C	NM_003615	NP_003606	9497	SLC4A7
se0a2639	4C	NM_005545	NP_958934	3671	solute carrier family 4, sodium bicarbonate cotran
se0a2641	4C	NM_006178	NP_006169	4905	NPF
se0a2777	4C	NM_0017375	NP_031401	23435;	TARDBP
se0a2817	4C	NM_005927	NP_005918	4238	MFAP3
se0a2819	4C	NM_006827	NP_006818	10972	TM2IP21
					transmembrane trafficking protein

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sea02949	4C	NM_003900	NP_003891	8878	SQSTM1	sequestosome 1	
sea02957	4C	NM_014670	NP_055485	9689	B2W1	basic leucine zipper and W2 domains 1	
sea02962	4C	NM_014210	NP_055025	2123	EV12A	ectropic viral integration site 2A	
sea02970	4C	NM_004355	NP_004346	972	CD74	CD74 antigen (invariant polypeptide of major histo	
sea02978	4C	NM_021102	NP_066925	10653	SPINT2	serine protease inhibitor, Kunitz type, 2	
sea03007	4C	NM_001546	NP_001537	3400	104	inhibitor of DNA binding 4, dominant negative heli	
sea03105	4C	NM_002886	NP_002877	5912	RAP2B	RAP2B, member of RAS oncogene family	
sea03108	4C	NM_015933	NP_057017	51372	HSPC016	hypothetical protein HSPC016	
sea03144	4C	NM_000373	NP_000364	7372	UMPS	uridine monophosphate synthetase (crotate phosphor	
sea03230	4C	NM_0235927	NP_076416	65983	NS3TP2	HCV NS3-transactivated protein 2	
sea03245	4C	NM_024491	NP_077817	80321	BTIE	pi10-b-binding protein	
sea03251	4C	NM_031461	NP_113649	83690	LOC83690	CocoCrisp	
sea03287	4C	NM_002745	NP_620407	5594	MAPK1	mitogen-activated protein kinase 1	
sea03335	4C	NM_030969	NP_112231	81853	TMEM14B	transmembrane protein 14B	
sea03359	4C	NM_004354	NP_004345	901	CCNG2	cyclin G2	
sea03408	4C	NM_022977	NP_075266	2182	ACSL4	acyl-CoA synthetase long-chain family member 4	
sea03422	4C	NM_005324	NP_005315	3021	H3F3B	H3 histone, family 3B (H3.3B)	
sea03489	4C	NM_152511	NP_689724	150290	DUSP18	dual specificity phosphatase 18	
sea03516	4C	NM_020529	NP_065390	4792	NFKB1A	nuclear factor of kappa light polypeptide gene enh	
sea03533	4C	NM_002629	NP_002620	5223	PGAM1	phosphoglycerate mutase 1 (brain)	
sea03555	4C	NM_001207	NP_001198	689	220793	BTIF3	basic transcription factor 3
sea03628	4C	NM_015646	NP_056461	5908	RAP1B	RAP1B, member of RAS oncogene family	
sea03639	4C	NM_001530	NP_851397	3091	HIF1A	hypoxia-inducible factor 1, alpha subunit (basic h	
sea03670	4C	NM_015100	NP_997054	23126	POGZ	poغر transposable element with ZNF domain	
sea03704	4C	NM_021183	NP_067006	57826	RAP2C	RAP2C, member of RAS oncogene family	

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se003717	4C	NM_0003375	NP_0003366	7417	VDAC2	voltage-dependent anion channel 2
se003847	4C	NM_016026	NP_057110	51109; 26101	RDH11	retinol dehydrogenase 11 (all-trans and 9-cis)
se003863	4C	NM_001967	NP_001958	1974	EIF4A2	eukaryotic translation initiation factor 4A, isoform
se003910	4C	NM_000916	NP_000907	5021	OXTR	oxytocin receptor
se004017	4C	NM_021785	NP_068557	10742	RA12	retinoic acid induced 2
se004023	4C	NM_003887	NP_003878	8853	DDEF2	development and differentiation enahncing factor 2
se004040	4C	NM_004355	NP_004346	972	CD74	CD74 antigen (invariant polypeptide of major histo
se004053	4C	NM_007096	NP_000927	1211	CUTA	clathrin, light polypeptide (Lca)
se004107	4C	NM_005719	NP_005710	10094	ARPC3	actin related protein 2/3 complex, subunit 3, 21kD
se004158	4C	NM_000391	NP_000382	1200	CLN2	ceroid-lipofuscinosis, neuronal 2, late infantile
se004167	4C	NM_017849	NP_006319	55654	FLJ20507	hypothetical protein FLJ20507
se004264	4C	NM_006392	NP_006383	10528	NOL5A	nuclear protein 5A (50kDa with KDEL repeat)
se004305	4C	NM_000900	NP_000081	1281	COL3A1	collagen, type III, alpha 1 ( Ehlers-Danlos syndrom
se004366	4C	NM_000548	NP_066400	7249	TS2	tuberous sclerosis 2
se004395	4C	NM_006004	NP_005995	7388	UQCRC	ubiquinol-cytochrome c reductase hinge protein
se004452	4C	NM_000285	NP_000276	5184	PEPD	peptidase D
se004460	4C	NM_007359	NP_065790	9236	CPR8	cell cycle progression 8 protein
se004461	4C	NM_002252	NP_002243	3790	KCNNS3	potassium voltage-gated channel, delayed-rectifier
se004518	4C	NM_000390	NP_000381	1121	CHM	choroideremia (Rab escort protein 1)
se004524	4C	NM_016062	NP_057146	51647	CGL128	CGL128 protein
se004586	4C	NM_004161	NP_004152	5861	RAB1A	RAB1A, member RAS oncogene family
se004600	4C	NM_006082	NP_006073	10376	K+ALPHA-1	tubulin, alpha, ubiquitous
se004681	4C	NM_018955	NP_061828	7314	UBB	ubiquitin B
se004708	4C	NM_001865	NP_001856	1347	COX7A2	cytochrome c oxidase subunit VIIa polypeptide 2 (I
se004717	4C	NM_004872	NP_004863	9528	C1orf8	chromosome 1 open reading frame 8

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sea04727	4C	NM_016101	NP_057185	51388	CGI-37	comparative gene identification transcript 37
sea05090	4C	NM_006754	NP_874384	6856	SPL	synaptophysin-like protein
sea05235	4C	NM_017426	NP_059122	53371	NUP54	nucleoporin 54kDa
sea05302	4C	NM_000985	NP_000976	6139	RPL17	ribosomal protein L17
sea05382	4C	NM_080597	NP_579802	114876	OSBPL1A	oxysterol binding protein-like 1A
sea05429	4C	NM_005347	NP_005338	3309	HSPAS	heat shock 70kDa protein 5 (glucose-regulated prot
sea05465	4C	NM_012158	NP_036290	26224	FBXL3A	F-box and leucine-rich repeat protein 3A
sea05517	4C	NM_004552	NP_004543	4725	NDUF55	NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15
sea05554	4C	NM_000895	NP_000886	4048	LTA4H	leukotriene A4 hydrolase
sea05577	4C	NM_003756	NP_003747	8667	EIF53	eukaryotic translation initiation factor 3, subunit
sea05586	4C	NM_019001	NP_061874	54464	I-Sep	strand-exchange protein 1
sea05662	4C	NM_000430	NP_000421	5048	PAFAH1B1	platelet-activating factor acetylhydrolase, isofor
sea05683	4C	NM_006838	NP_006829	10988	MEFAP2	methionyl aminopeptidase 2
sea05742	4C	NM_004655	NP_004646	8313	AXIN2	axin 2 (conductin, axil)
sea05894	4C	NM_058183	NP_620305	6651	SON	SON DNA binding protein
sea05911	4C	NM_004152	NP_004143	4946	OAZ1	ornithine decarboxylase antizyme 1
sea05933	4C	NM_014965	NP_055780	22906	OIP106	OGT(O-Glc-NAc transferase)-interacting protein 106
sea05986	4C	NM_006367	NP_006358	10487	CAP1	CAP, adenylyl cyclase-associated protein 1 (yeast
sea06112	4C	NM_145049	NP_659486	134510	MGC100667	hypothetical protein MGC100667
sea06038	4C	NM_007145	NP_000976	7705	ZNF146	zinc finger protein 146
sea06133	4C	NM_006667	NP_006658	10857	PGRM1	progesterone receptor membrane component 1
sea06137	4C	NM_000546	NP_000537	7157	TP53	tumor protein p53 (Li-Fraumeni syndrome)
sea06152	4C	NM_0004040	NP_0004031	388	RHOB	ras homolog gene family, member B
sea06155	4C	NM_0002027	NP_0002018	2339	FNTA	farnesyItransferase, C AAX box, alpha
sea06197	4C	NM_012223	NP_056355	4430	MYO1B	myosin IB

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se0a6315	4C	NM_013017	NP_963920	23032	U1SP33	ubiquitin specific protease 33
se0a6344	4C	NM_153816	NP_006363	10492;	SYNCRIP	synaptosomal binding, cytoplasmic RNA interacting
se0a6393	4C	NM_198219	NP_937862	3621	ING1	inhibitor of growth family, member 1
se0a6412	4C	NM_016308	NP_057392	51727	UMP-CMPK	UMP-CMP kinase
se0a6497	4C	NM_152828	NP_690041	8724	SNX3	sorting nexin 3
se0a6573	4C	NM_022743	NP_073580	64754	SMYD3	SET and MYND domain containing 3
se0a6598	4C	NM_006595	NP_006586	8539	AP15	apoptosis inhibitor 5
se0a6620	4C	NM_014325	NP_055140	23603	CORO1C	coronin, actin binding protein, 1C
se0a6621	4C	NM_005940	NP_005931	4320	MMPI1	matrix metalloprotease 11 (stromelysin 3)
se0a6658	4C	NM_018223	NP_060693	55743	CHFR	checkpoint with forkhead and ring finger domains
se0a6661	4C	NM_006988	NP_008919	9510	ADAMTS1	a disintegrin-like and metalloprotease (reprolysin
se0a6697	4C	NM_003217	NP_003208	7009	TEGT	testis enhanced gene transcript (BAX inhibitor 1)
se0a6887	4C	NM_014402	NP_055217	27089	QP-C	low molecular mass ubiquinone-binding protein (9.5
se0a6923	4C	NM_022363	NP_071908	64359	NXN	nucleoredoxin
se0a7094	4C	NM_016422	NP_057506	50862	RNF141	ring finger protein 141
se0a7178	4C	NM_014000	NP_054706	7414	VCL	vinculin
se0a7212	4C	NM_007270	NP_009201	11328	FKBP9	FK506 binding protein 9, 63 kDa
se0a7223	4C	NM_014065	NP_054784	28990	HT001	HT001 protein
se0a7249	4C	NM_024430	NP_077748	9050	PSIP1P2	proline-serine-threonine phosphatase interacting p
se0a7295	4C	NM_153360	NP_694992	255252	FLJ36812	hypothetical protein FLJ36812
se0a7442	4C	NM_006263	NP_788955	57270	PSME1	proteasome (prosome, macropain) activator subunit
se0a7443	4C	NM_021249	NP_689419	58533	SNX6	sorting nexin 6
se0a7459	4C	NM_001755	NP_074036	865	CBFB	core-binding factor, beta subunit
se0a7474	4C	NM_022817	NP_073728	8864	PER2	period homolog 2 (Drosophila)
se0a7478	4C	NM_004126	NP_004117	2791	GNGL1	guanine nucleotide binding protein (G protein), ga

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sc007509	4C	NM_015169	NP_055984	23212	RRS1	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)
sc007517	4C	NM_024408	NP_077719	4853	NOTCH2	Notch homolog 2 (Drosophila)
sc007530	4C	NM_004622	NP_0064613	7247	TSN	translin
sc007546	4C	NM_015957	NP_057041	51074	MNRP19	likely ortholog of mouse monocyte macrophage 19
sc007555	4C	NM_003138				
sc007587	4C	NM_013254	NP_037386	29110	TBK1	TANK-binding kinase 1
sc007608	4C	NM_014453	NP_940818	27243	BC-2	putative breast adenocarcinoma marker (32kD)
sc007626	4C	NM_006694	NP_006685	10899	JTB	jumping translocation breakpoint
sc007902	4C	NM_016424	NP_057508	51747;	LUC7A	cisplatin resistance-associated overexpressed protein
sc007935	4C	NM_00266	NP_000257	4693	NDP	Norme disease (pseudoangioma)
sc008177	4C	NM_001903	NP_001894	1495;	CTNNA1	catenin (cadherin-associated protein), alpha 1, 10
sc008232	4C	NM_001685	NP_001676	522	ATPS1	ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 co
sc008239	4C	NM_015339	NP_852107	23394	ADNP	activity-dependent neuroprotector
sc008300	4C	NM_002789	NP_002780	5685	PSMA4	proteasome (prosome, macropain) subunit, alpha type
sc008348	4C	NM_000274	NP_000265	4942	OAT	ornithine aminotransferase (grante atrophy)
sc008397	4C	NM_006320	NP_006311	10424	PGRM2	progesterone receptor membrane component 2
sc008399	4C	NM_000414	NP_000405	3295	HSID1B4	hydroxysteroid (17-beta) dehydrogenase 4
sc008401	4C	NM_006519	NP_006510	6993	TCTEL1	t-complex-associated-testis-expressed 1-like 1
sc008443	4C	NM_014880	NP_055695	9936	DCL-1	type I transmembrane C-type lectin receptor DCL-1
sc008486	4C	NM_003096	NP_003087	6637	SNRPG	small nucleolar ribonucleoprotein polypeptide G
sc008543	4C	NM_002495	NP_002486	4724	NDUFS4	NADH dehydrogenase (ubiquinone) F-e-S protein 4, 18
sc008556	4C	NM_004652	NP_008706	8239	USP9X	ubiquitin specific protease 9, X-linked (flat facet)
sc008566	4C	NM_018838	NP_061326	55967	DAP13	13kDa differentiation-associated protein
sc008597	4C	NM_022137	NP_071420	64093	SMOC1	SPARC related modular calcium binding 1
sc008640	4C	NM_006410	NP_006401	10533	HTATIP2	HIV-1 Tat interactive protein 2, 30kDa

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sc008642	4C	NM_199511	NP_955806	151887	URB	steroid sensitive gene 1
sc008754	4C	NM_015710	NP_056525	29997	GLTCSR2	glioma tumor suppressor candidate region gene 2
sc008814	4C	NM_002954	NP_002945	6233	RPS27A	ribosomal protein S27a
sc008870	4C	NM_023039	NP_075526	57763	ANKRA2	ankyrin repeat family A (RFXANK-like), 2
sc008894	4C	NM_002450				
sc008902	4C	NM_001537	NP_001528	3281	HSBP1	heat shock factor binding protein 1
sc008912	4C	NM_018947	NP_061820	54205	CYCS	cytochrome c, somatic
sc008916	4C	NM_080425	NP_536351	2778	GNAS	GNAS complex locus
sc008979	4C	NM_003203	NP_003194	6936	C2orf15	chromosome 2 open reading frame 3
sc009042	4C	NM_018675	NP_061145	55900	ZNF302	zinc finger protein 302
sc009131	4C	NM_006601	NP_006592	10728	TEBP	inactive progesterone receptor, 23 kD
sc009160	4C	NM_015049	NP_055864	66008	ALS2CR3	amyotrophic lateral sclerosis 2 (juvenile) chromos
sc009357	4C	NM_014367	NP_055182	26355	E21G5	growth and transformation-dependent protein
sc009373	4C	NM_013995	NP_054701	3920	LAMP2	lysosomal-associated membrane protein 2
sc009389	4C	NM_018064	NP_060534	55122	C6orf166	chromosome 6 open reading frame (66
sc009482	4C	NM_152431	NP_689644	143689	HLW12	piwi-like 2 (Drosophila)
sc009537	4C	NM_138792	NP_620147	123169	LOC123169	senescence downregulated leol-1-like
sc009619	4C	NM_003701	NP_143026	8600	TNFSF11	tumor necrosis factor (ligand) superfamily, member
sc009711	4C	NM_016282	NP_057366	50808	AK3L1	adenylyl kinase 3 like 1
sc009724	4C	NM_016640	NP_057724	10884	MRPS30	mitochondrial ribosomal protein S30
sc009729	4C	NM_016587	NP_057671	11355	CBX3	chromobox homolog 3 (HP1 gamma homolog, Drosophila
sc009739	4C	NM_194356	NP_919337	2054	EPM	epi morphin
sc009740	4C	NM_002663	NP_003654	8545	CGGBP1	CGG triplet repeat binding protein 1
sc009814	4C	NM_015343	NP_009209	11337;	GABARAP	GABA(A) receptor-associated protein
				23399;		

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scob9817	4C	NM_080832	NP_543022	140886	PABPC5	poly(A) binding protein, cytoplasmic 5
scob9828	4C	NM_001424	NP_001415	2013	EMP2	epithelial membrane protein 2
scob9835	4C	NM_003758	NP_003749	8669	EIF3S1	eukaryotic translation initiation factor 3, subunit
scob9870	4C	NM_024537	NP_078813	79587	FLJ12118	hypothetical protein FLJ12118
scob9873	4C	NM_153477	NP_705582	8409	UXT	ubiquitously-expressed transcript
scob9889	4C	NM_004894	NP_004885	9556	C14orf2	chromosome 14 open reading frame 2
scob9930	4C	NM_018322	NP_060792	55776	C6orf64	chromosome 6 open reading frame 6-4
scob9935	4C	NM_002106	NP_002097	3015	H2AFZ	H2A histone family, member Z
scob0031	4C	NM_005034	NP_005025	5440	POLR2K	polymerase (RNA) II (DNA directed) poly(A) polymerase K,
scob0046	4C	NM_021145	NP_066968	9988;	DNTF1	cyclin D binding myb-like transcription factor 1
scob0065	4C	NM_030938	NP_1122200	81671	VMP1	likely ortholog of rat vacuole membrane protein 1
scob0085	4C	NM_002192	NP_002183	3624	[NHBA	inhibin, beta A (activin A, activin AB alpha polyp
scob0089	4C	NM_004553	NP_004544	4726	NDUF56	NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13
scob0122	4C	NM_014972	NP_055787	22980	KIAA0419	KIAA0419 protein
scob0154	4C	NM_000978	NP_000969	9349	RPL23	ribosomal protein 1.23
scob0168	4C	NM_006601	NP_006592	10728	TEBP	inactive progesterone receptor, 23 kD
scob0182	4C	NM_000700	NP_000691	301	ANXA1	annexin A1
scob0200	4C	NM_000186	NP_000177	3075	HFI	H factor 1 (complement)
scob0201	4C	NM_001102	NP_001093	87	ACTN1	actinin, alpha 1
scob0228	4C	NM_014991	NP_848700	23001	WDFY3	WD repeat and FYVE domain containing 3
scob0248	4C	NM_005005	NP_004996	4715	NDUFB9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
scob0253	4C	NM_004454	NP_004445	2119	ETV5	ets variant gene 5 (ets-related molecule)
scob0263	4C	NM_001791	NP_426359	998	CDC42	cell division cycle 42 (GTP binding protein, 25kDa
scob0298	4C	NM_145808	NP_665807	136319	MTPN	myotrophin

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scob0308	4C	NM_005408	NP_005399	6357	CCL13	ehemolysine (C-C motif) ligand 13
scob0321	4C	NM_016167	NP_057251	51406	NOL7	nucleolar protein 7, 27kDa
scob0376	4C	NM_003392	NP_003383	7474	WNT5A	wingless-type MMTV integration site family, member
scob0418	4C	NM_032557	NP_115946	81640	USP38	ubiquitin specific protease 38
scob0466	4C	NM_017590	NP_060060	23264	RoXAN	ubiquitous tetrastricopeptide containing protein Ro
scob0478	4C	NM_002268	NP_002259	3840	KPNAA4	karyopherin alpha 4 (importin alpha 3)
scob0497	4C	NM_016126	NP_057210	51668	LOC51668	HSPC034 protein
scob0514	4C	NM_016085	NP_542159	51374	3-APr	apoptosis related protein APR-3
scob0703	4C	NM_003903	NP_003894	8881	DC16	CDC16 cell division cycle 16 homolog ( <i>S. cerevisiae</i> )
scob0745	4C	NM_006813	NP_006804	10957	PYRC1	proline-rich nuclear receptor coactivator 1
scob0755	4C	NM_003616	NP_003607	8487	SPI1	survival of motor neuron protein interacting prote
scob0763	4C	NM_014314	NP_055129	23586	RIG-I	DEAD/H (Asp-Glu-Ala-Asp His) box polypeptide
scob0810	4C	NM_002305	NP_002296	3956;	LGALS1	lectin, galactoside-binding, soluble, 1 (galectin
scob0831	4C	NM_022397	NP_071942	64432	MRPS25	mitochondrial ribosomal protein S25
scob0846	4C	NM_002610	NP_002601	5163	PDK1	pyruvate dehydrogenase kinase, isozyme 1
scob0872	4C	NM_002696	NP_002687	5436	POLR2G	polymerase (RNA) II (DNA directed) polypeptide G
scob1008	4C	NM_014445	NP_055260	27230	SERPI	stress-associated endoplasmic reticulum protein 1
scob1052	4C	NM_022488	NP_071933	64422	APG3	autophagy Apg3p/Aut1p-like
scob1057	4C	NM_020183	NP_064568	56938	ARNTL2	aryl hydrocarbon receptor nuclear translocator-like
scob1093	4C	NM_004688	NP_004679	9111	NM1	N-myrc (and STAT) interactor
scob1118	4C	NM_030969	NP_112231	81853	TMEM14B	transmembrane protein 14B
scob1145	4C	NM_007100	NP_009031	521	ATPS1	ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 co
scob1187	4C	NM_014280	NP_055095	22826	DNAJC8	DnaJ (Hsp40) homolog, subfamily C, member 8
scob1191	4C	NM_005347	NP_005338	3309	HSPAS	heat shock 70kDa protein 5 (glucose-regulated prot

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scob1231	4C	NM_005721	NP_005712	10096	ACTR3	ARF3 actin-related protein 3 homolog (yeast)
scob1233	4C	NM_0050318	NP_005029	6509	SLC1A4	solute carrier family 1 (glutamate neutral amino a
scob1318	4C	NM_032558	NP_115947	84641	FLJ14753	hypothetical protein FLJ14753
scob1319	4C	NM_020532	NP_997404	57142	RIN4	reticulon 4
scob1322	4C	NM_005252	NP_005243	2253	FOS	v-fos FBJ murine osteosarcoma viral oncogene homolog
scob1383	4C	NM_005653	NP_005644	7024	TFCP2	transcription factor CP2
scob1385	4C	NM_014949				
scob1414	4C	NM_004380	NP_004271	9221	EEF1E1	eukaryotic translation elongation factor 1 epsilon
scob1420	4C	NM_006369	NP_006360	10489	MUF1	MUF1 protein
scob1426	4C	NM_006670	NP_006661	7162	TPBG	trophoblast glycoprotein
scob1574	4C	NM_016305	NP_057389	51188	SS18L2	synovial sarcoma translocation gene on chromosome
scob1617	4C	NM_006055	NP_006046	10314	LANCL1	LANC lanthionine synthetase component C-like 1 (ba
scob1646	4C	NM_152520	NP_689733	151126	ZNF533	zinc finger protein 533
scob1660	4C	NM_024511	NP_078787	79441	C4orf15	chromosome 4 open reading frame 15
scob1667	4C	NM_017971	NP_060441	55052	MRPL20	mitochondrial ribosomal protein L20
scob1737	4C	NM_006824	NP_006815	10969	EBNA1BP2	EBNA1 binding protein 2
scob1746	4C	NM_031419	NP_113607	64332	MAIL	molecule possessing ankyrin repeats induced by lip
scob1748	4C	NM_016491	NP_057575	51253	MRPL37	mitochondrial ribosomal protein L37
scob1766	4C	NM_018572				
scob1770	4C	NM_014608	NP_055423	23191	CYFIP1	cytoplasmic FMR1 interacting protein 1
scob1793	4C	NM_006141	NP_006132	1783	DNC1L2	dynein, cytoplasmic, light intermediate polypeptide
scob1834	4C	NM_015895	NP_056979	51053	GMNN	geminin, DNA replication inhibitor
scob1862	4C	NM_022170	NP_114381	7458	WBSCR1	Williams-Bauren syndrome chromosome region 1
scob1879	4C	NM_000861	NP_000852	3269	HRH1	histamine receptor H1
scob1906	4C	NM_018184	NP_060654	55207	ARL10C	ADP-ribosylation factor-like 10C

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scob1908	4C	NM_007158	NP_009089	7812	DIS155E	NRA S-related gene
scob1911	4C	NM_032338	NP_115714	84298	MGC14817	hypothetical protein MGC14817
scob1916	4C	NM_006769	NP_006760	8543	LMO4	LIM domain only 4
scob1972	4C	NM_003128	NP_842565	6711; 56969	SPTBN1	spectrin, beta, non-erythrocytic 1
scob2011	4C	NM_003199	NP_003190	6925	TCF4	transcription factor 4
scob2077	4C	NM_002795	NP_002786	5691	PSMB3	proteasome (prosome, macropain) subunit, beta type
scob2081	4C	NM_007278	NP_009269	11337; 79142; 22399;	GABARAP	GABA(A) receptor-associated protein
scob2108	4C	NM_016587	NP_057671	11335	CBX3	chromobox homolog 3 (HP1 gamma, homolog, Drosophila)
scob2134	4C	NM_021183	NP_067006	57826	RAP2C	RAP2C, member of RAS oncogene family
scob2139	4C	NM_000176	NP_000167	2908	NR3C1	nuclear receptor subfamily 3, group C, member 1 (g)
scob2148	4C	NM_014153	NP_058772	29066	ZC3HDC7	zinc finger CCCH type domain containing 7
scob2169	4C	NM_172373	NP_758961	1997	ELF1	ELF4-like factor 1 (ets domain transcription factor)
scob2185	4C	NM_001315	NP_620583	1432	MAPK14	mitogen-activated protein kinase 14
scob2188	4C	NM_017824	NP_060294	54708	FLJ20445	hypothetical protein FLJ20445
scob2221	4C	NM_016497	NP_057581	51258	MRPL51	mitochondrial ribosomal protein L51
scob2642	4C	NM_002271	NP_002262	3843	KPNB3	karyopherin (importin) beta 3
scob2658	4C	NM_004380	NP_004371	1387	CREBBP	CREB binding protein (Rubinstein-Taybi syndrome)
scob2697	4C	NM_002097	NP_002088	2971	GTF5A	general transcription factor IIIA
scob2750	4C	NM_000591	NP_000282	5230	PGK1	phosphoglycerate kinase 1
scob2797	4C	NM_152369	NP_689582	126969	MGC45474	hypothetical protein MGC45474
scob2803	4C	NM_003333	NP_003324	7311	UBA52	ubiquitin A-52 residue ribosomal protein fusion pr
scob2807	4C	NM_016839	NP_058523	5937	RBM51	RNA binding motif, single stranded interacting pro
scob2810	4C	NM_018452	NP_060922	55836	C6orf35	chromosome 6 open reading frame 35
scob2816	4C	NM_003387	NP_003378	7456	WASPPIP	Wiskott-Aldrich syndrome protein interacting prote

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scob2936	4C	NM_004515	NP_004506	3608	HL_E2	interleukin enhancer binding factor 2, 45kDa
scob2959	4C	NM_001022	NP_001013	6223	RPS19	ribosomal protein S19
scob2966	4C	NM_002480	NP_002471	4659	PPPR12A	protein phosphatase 1, regulatory (inhibitor) subunit
scob2987	4C	NM_003928	NP_003919	8933	CXX1	CAAX box 1
scob2994	4C	NM_014819	NP_055634	9867	PJA2	praja 2, RING-H2 motif containing
scob3007	4C	NM_018286	NP_060756	55273	FLJ10970	hypothetical protein FLJ10970
scob3064	4C	NM_004642	NP_004633	8099	CDK2AP1	CDK2-associated protein 1
scob3076	4C	NM_005734	NP_005725	10114	HIDR3	homocodomain interacting protein kinase 3
scob3119	4C	NM_015396	NP_998819	25852	HSPC056	HSPC056 protein
scob3154	4C	NM_017615	NP_060085	54780	C10orf86	chromosome 10 open reading frame 86
scob3169	4C	NM_005491	NP_005482	10046	CXorf6	chromosome X open reading frame 6
scob3170	4C	NM_006308	NP_006199	5167	ENPP1	ectonucleotide pyrophosphatase/phosphodiesterase 1
scob3182	4C	NM_014639	NP_055454	9652	KIAA0372	KIAA0372
scob3189	4C	NM_004894	NP_004885	9556	C14orf2	chromosome 14 open reading frame 2
scob3191	4C	NM_033044	NP_149033	23499	MACF1	microtubule-actin crosslinking factor 1
scob3303	4C	NM_006603	NP_006594	10735	STAG2	stratal antigen 2
scob3307	4C	NM_000358	NP_000349	7045	TGFBI	transforming growth factor, beta-induced, 68kDa
scob3313	4C	NM_199203	NP_954595	7335;	UBE2V1	ubiquitin-conjugating enzyme E2 variant 1
scob3326	4C	NM_001004	NP_000995	38752;		
scob3356	4C	NM_015646	NP_056461	6181	RPLP2	ribosomal protein, large P2
scob3367	4C	NM_153267	NP_694999	5908	RAP1B	RAP1B, member of RAS oncogene family
scob3451	4C	NM_016275	NP_057359	5714;	SEL1	selenoprotein 1
scob3455	4C	NM_006519	NP_006510	389704	TCTEL1	t-complex-associated-testis-expressed 1-like 1
scob3462	4C	XM_088391		6993		

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scob3464	4C	NM_001178	NP_001369	1781	DNC12	dynamin, cytoplasmic, intermediate poly-peptide 2
scob3468	4C	NM_032026	NP_114415	83940	CD411	CD411 protein
scob3485	4C	NM_001938	NP_001929	1810	DRI	down-regulator of transcription 1, TBP-binding (ne
scob3499	4C	NM_157862	NP_698601	10109	ARPC2	actin related protein 2/3 complex, subunit 2, 34kD
scob3513	4C	NM_001003	NP_998890	6176	RPLP1	ribosomal protein, large, P1
scob3518	4C	NM_003744	NP_003735	8650	NUMB	numb homolog (Drosophila)
scob3520	4C	NM_004578	NP_004569	58677; 10638	RAB4A	RAB4A, member R.A.S oncogene family
scob3533	4C	NM_013436	NP_995314	10787	NCKAPI	NCK-associated protein 1
scob3570	4C	NM_002488	NP_000582	929; 4695	CD14	CD14 antigen
scob3699	4C	NM_051833	NP_620305	6651	SON	SON DNA binding protein
scob3731	4C	NM_002520	NP_954654	4869	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numat
scob3734	4C	NM_004597	NP_808210	6633	SNRPD2	small nuclear ribonucleoprotein D2 polypeptide 16.
scob3751	4C	NM_018453	NP_060923	55837	C14orf11	chromosome 14 open reading frame 11
scob3854	4C	NM_006496	NP_006487	2773	GNAT13	guanine nucleotide binding protein (G protein), al
scob3869	4C	NM_003919	NP_003910	8910	SGCE	sarcoglycan, epsilon
scob3887	4C	NM_0210841	NP_065892	114882	OSBPL8	oxysterol binding protein-like 8
scob3923	4C	NM_016018	NP_940915	51105	CGI-72	CGI-72 protein
scob4029	4C	NM_014711	NP_055526	9738	CPI10	CPI10 protein
scob4030	4C	NM_153012				
scob4039	4C	NM_021960	NP_877495	4170	MCL1	myeloid cell leukemia sequence 1 (BCL2-related)
scob4050	4C	NM_005566	NP_005557	3939	LDHA	lactate dehydrogenase A
scob4075	4C	NM_002874	NP_002865	5887	RAD23B	RAD23 homolog B (S. cerevisiae)
scob4108	4C	NM_020122	NP_064507	56888	KCMF1	potassium channel modulatory factor 1
scob4118	4C	NM_013387	NP_037519	29796	HSPC051	ubiquinol-cytochrome c reductase complex (7.2 kD)
scob4122	4C	NM_002107	NP_002098	3020	H3F1A	H3 histone, family 3A

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scob4191	4C	NM_007080	NP_009011	11157	LSM6	LSM6 homolog, U6 small nuclear RNA associated (S-
scob4197	4C	NM_014287	NP_775885	283820;	LOC283820	hypothetical protein LOC283820
scob4209	4C	NM_194918	NP_955450	23420	PRCP	prolylcarboxypeptidase (angiotensinase C)
scob4213	4C	NM_024420	NP_077734	5571	PLA2G4A	phospholipase A2, group IV A (cytosolic, calcium-de-
scob4273	4C	NM_015510	NP_056355	26015	RPAPI	RNA polymerase II associated protein I
scob4303	4C	NM_001028	NP_001019	6230	RPS25	ribosomal protein S25
scob4333	4C	NM_020347	NP_065080	54585	LZTFL1	leucine zipper transcription factor-like 1
scob4419	4C	NM_005870	NP_005861	10284	SAP18	sin3-associated polypeptide, 18kDa
scob4427	4C	NM_144498	NP_653081	9885	OSBP12	oxysterol binding protein-like 2
scob4480	4C	NM_021642	NP_067674	2212	I-CGR5A	Fe fragment of IgG, low affinity IIa, receptor for
scob4492	4C	NM_004130	NP_004121	2992	GYG	globulin
scob4515	4C	NM_015920	NP_057004	51065	RPS27L	ribosomal protein S27-like
scob4539	4C	NM_020365	NP_065098	8891	EIF2B3	eukaryotic translation initiation factor 2B, subunit
scob4545	4C	NM_015470	NP_056285	26056	GAF1	gamma-SNAP-associated factor 1
scob4555	4C	NM_023028	NP_075420	2263	FGFR2	fibroblast growth factor receptor 2 (bacteria-expr
scob4570	4C	NM_005817	NP_005808	10226	M6PRBP1	mannose-6-phosphate receptor binding protein 1
scob4579	4C	NM_004546	NP_005537	4708	NDUFB2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
scob4612	4C	NM_006241	NP_006232	5504	PPPIR2	protein phosphatase 1, regulatory (inhibitor) subu
scob4621	4C	NM_004627	NP_004618	7485	WRB	tryptophan rich basic protein
scob4669	4C	NM_002265	NP_002256	3837	KPNB1	karyopherin (importin) beta 1
scob4726	4C	NM_006096	NP_006087	10397	NDRG1	N-myc downstream regulated gene 1
scob4752	4C	NM_206839	NP_996670	10933	MORF4L1	mortality factor 4 like 1
scob4766	4C	NM_018976	NP_061849	54407	SLC38A2	solute carrier family 38, member 2
scob4807	4C	NM_004593	NP_004584	6334	SFRS10	splicing factor, arginine/serine-rich 10 (transfor
scob4835	4C	NM_005154	NP_005145	9101	USP8	ubiquitin specific protease 8

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scob41896	4C	NM_003256	NP_003247	7079	TIMP4	tissue inhibitor of metalloproteinase 4
scob41945	4C	NM_001560	NP_001551	3597	IL13RA1	interleukin 13 receptor, alpha 1
scob41972	4C	NM_001386	NP_001377	1808	DIPYSL2	dihydropyrimidinase-like 2
scob41992	4C	NM_025134	NP_079410	80205;	FLJ12178	hypothetical protein FLJ12178
scob5004	4C	NM_001402	NP_001393	1915;	EEF1A1	eukaryotic translation elongation factor 1 alpha 1
scob5012	4C	NM_006965	NP_008896	7572	ZNF24	zinc finger protein 24 (KOX 17)
scob5022	4C	NM_032273	NP_115649	84233	DKFZp586C924	hypothetical protein DKFZp586C924
scob5044	4C	NM_022551	NP_003773	8705;	BDGALT4	UDP-Gal-betaGalNAc beta 1,3-galactosyltransferase,
scob5174	4C	NM_016613	NP_057697	51313	DKFZp34L1	hypothetical protein DKFZp34L1
scob5213	4C	NM_013338	NP_037470	29880	ALG5	asparagine-linked glycosylation 5 homolog (yeast,
scob5219	4C	NM_144684	NP_653285	147657	MGC32104	hypothetical protein MGC32104
scob5240	4C	NM_019619	NP_062565	56288	PARD3	par-3 partitioning defective 3 homolog (C. elegans
scob52319	4C	NM_015577	NP_056392	26064	RAN14	retinoic acid induced 14
scob53441	4C	NM_005140	NP_005161	10006	ABL1	abl-interactor 1
scob53458	4C	NM_173552	NP_775823	205428	MGC33365	hypothetical protein MGC33365
scob53490	4C	NM_002064	NP_002055	2745	GLRX	glutaredoxin (thioltransferase)
scob5523	4C	NM_005496	NP_005487	10051	SMC4L1	SMC4 structural maintenance of chromosomes 4-like
scob5502	4C	NM_014315	NP_055130	23588	KLHD2	kelch domain containing 2
scob5645	4C	NM_001344	NP_001335	1603	DAD1	defender against cell death 1
scob5726	4C	NM_005749	NP_005740	10140	TOB1	transducer of ERBB2, 1
scob5743	4C	NM_012168	NP_036300	26232	FBXO2	F-box only protein 2
scob5748	4C	NM_031268				
scob5778	4C	NM_207111	NP_996999	54476	TRIAD3	TRIAD3 protein
scob5886	4C	NM_016530	NP_057614	51762	RAB8B	RAB8B, member RAS oncogene family

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scob5927	4C	NM_024561	NP_078837	79612	FLJ22054	hypothetical protein FLJ22054
scob5954	4C	NM_001304	NP_001295	1362	CPD	carboxypeptidase D
scob6004	4C	NM_016053	NP_057137	51019	CGI-116	CGI-116 protein
scob6015	4C	NM_004902	NP_909132	9584	RNP2	RNA-binding region (RNP1, RRM) containing 2
scob6041	4C	NM_001949	NP_001940	1871	E2F3	E2F transcription factor 3
scob6096	4C	NM_002223	NP_002214	3709	TPR2	inositol 1,4,5-triphosphate receptor, type 2
scob6131	4C	NM_002916	NP_833551	5984	RFC4	replication factor C (activator 1) 4, 37kDa
scob6133	4C	NM_002298	NP_002289	3936	LCP1	lymphocyte cytosolic protein 1 (L-plastin)
scob6189	4C	NM_002004	NP_001995	2224	FDPS	fumaryl dipiphosphate synthase (fumaryl pyrophosph
scob6206	4C	NM_145702	NP_004837	9470;	EF4EL3	eukaryotic translation initiation factor 4E-like 3
scob6229	4C	NM_020192	NP_004577	57002	C7orf36	chromosome 7 open reading frame 36
scob6272	4C	NM_002767	NP_002758	5636	PRPSAP2	phosphoribosyl pyrophosphate synthetase-associated
scob6279	4C	NM_006818	NP_006809	10962	AL11	AL11-fused gene from chromosome 1q
scob6368	4C	NM_001311	NP_001303	1397; 1396	CRIP2	cysteine-rich protein 2
scob6413	4C	NM_016357	NP_057441	51474	EPILIN	epithelial protein lost in neoplasm beta
scob6446	4C	NM_051200		79668	F1O	f1sso
scob6467	4C	NM_006425	NP_006416	10569	SLU7	step II splicing factor SLU7
scob6486	4C	NM_016578	NP_057662	51773	HBXAP	hepatitis B virus X associated protein
scob6492	4C	NM_001540	NP_001531	3315	HSPB1	heat shock 27kDa protein 1
scob6525	4C	NM_131105				
scob6558	4C	NM_016096	NP_057180	51123	LOC51123	
scob6560	4C	NM_004229	NP_004220	9282	HSPC038	protein
scob6576	4C	NM_019026	NP_061899	54499	LOC54499	cofactor required for Sp1 transcriptional activati
scob6582	4C	NM_002124	NP_072049	3125; 3127;	HLA-DRB3	putative membrane protein
scob6670	4C	NM_000122	NP_000113	2071	ERCC3	major histocompatibility complex, class II, DR bet
						excision repair cross-complementing rodent repair

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scob6680	4C	NM_001923	NP_001914	1642	DBBI	damage-specific DNA binding protein 1, 127kDa
scob6751	4C	NM_003321	NP_003312	7284	TUFM	Tu translation elongation factor, mitochondrial
scob6835	4C	NM_04883				
scob6836	4C	NM_005080	NP_005071	7494	XBP1	X-box binding protein 1
scob6844	4C	NM_002940	NP_002931	6059	ABCE1	ATP-binding cassette, sub-family E (OABP), member
scob6851	4C	NM_005000	NP_004991	4698	NDUFA5	NADH dehydrogenase (ubiquinone) alpha subcomplex
scob6853	4C	NM_020414	NP_065147	57062	DDX24	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24
scob7404	4C	NM_001656	NP_150231	373	AREDD1	ADD-ribosylation factor domain protein 1, 64kDa
scob7432	4C	NM_016058	NP_057142	51002	CGI-121	CGI-121 protein
scob7465	4C	NM_002819	NP_787041	5725	P1BP1	poly(pyrimidine tract binding protein 1
scob7474	4C	NM_003910	NP_003901	8896	GI_0	maternal GI_0 transcript
scob7584	4C	NM_006930	NP_733779	6500	SKP1A	S-phase kinase-associated protein 1A (p19A)
scob7622	4C	NM_007100	NP_009031	521	ATP5I	ATP synthase, H <sup>+</sup> transporting mitochondrial F0 co
scob7658	4C	NM_014614	NP_055429	23 98	PSME4	proteasome (prosome, macropain) activator subunit
scob7729	4C	NM_003329	NP_003320	7295	TXN	thioredoxin
scob7744	4C	NM_051813	NP_620305	6651	SON	SON DNA binding protein
scob7764	4C	NM_014394	NP_055209	27069	GH11M	growth hormone inducible transmembrane protein
scob7946	4C	NM_206839	NP_996670	10933	MORF4L1	mortality factor 4 like 1
scob7981	4C	NM_02247	NP_116136	84833	USMG5	upregulated during skeletal muscle growth 5
scob8005	4C	NM_002568	NP_002559	26986	PABPC1	poly(A) binding protein, cytoplasmic 1
scob8099	4C	NM_014206	NP_055021	746	C11orf10	chromosome 11 open reading frame 10
scob8104	4C	NM_13631	NP_598334	6091	ROBO1	roundabout, axon guidance receptor, homolog 1 (Dro
scob8204	4C	NM_006475	NP_006466	10631	POSTN	peristin, osteoblast specific factor
scob8255	4C	NM_014210	NP_055025	2123	EV12A	ecotropic viral integration site 2A
scob8311	4C	NM_000985	NP_000976	6139	RPL17	ribosomal protein L17

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scob8355	4C	NM_017714	NP_060184	55617	C20orf13	chromosome 20 open reading frame 13
scob8368	4C	NM_130363	NP_612372	90799	LOC90799	hypothetical protein BC009518
scob8301	4C	NM_015023	NP_055838	23038	WDTC1	WD and tetratricopeptide repeats 1
scob8693	4C	NM_145312	NP_660355	220992	ZNF485	zinc finger protein 485
scob8807	4C	NM_032245				
scob8817	4C	NM_001515	NP_001506	2966	GTF2H2	general transcription factor IIIH, polypeptide 2, 4
scob9067	4C	NM_139279	NP_644808	90411	MCFD2	multiple coagulation factor deficiency 2
scob9145	4C	NM_006813	NP_006804	10957	PNRC1	proline-rich nuclear receptor coactivator 1
scob9241	4C	NM_002789	NP_002780	5685	PSMA4	proteasome (prosome, macropain) subunit, alpha type
scob9266	4C	NM_003341	NP_872667	7324	UBE2E1	ubiquitin-conjugating enzyme E2E   (UBC4/5 homolog
scob9282	4C	NM_020117	NP_064502	51520	LARS	leucyl-tRNA synthetase
scob9353	4C	NM_015530	NP_056345	26003	GORASP2	golgi reassembly stacking protein 2, 55kDa
scob9430	4C	NM_021227	NP_067050	58505	DC2	DC2 protein
scob9480	4C	NM_016621	NP_057105	51465	UBE2E1	ubiquitin-conjugating enzyme E2, J1 (UBE6 homolog)
scob9485	4C	NM_014016	NP_054735	22908	SCAM1L	SAC11 suppressor of actin mutations 1-like (yeast)
scob9543	4C	NM_0177946	NP_060416	55033	FKBP14	FK506 binding protein 14, 22 kDa
scob9552	4C	NM_018314	NP_060784	55293	UEV3	ubiquitin-conjugating enzyme E2-like
scob9574	4C	NM_011394	NP_055209	27069	GHT1M	growth hormone inducible transmembrane protein
scob9614	4C	NM_005338	NP_004529	4675	NAPIL3	nucleosome assembly protein 1-like 3
scob9635	4C	NM_002789	NP_002780	5685	PSMA4	proteasome (prosome, macropain) subunit, alpha type
scob9645	4C	NM_001320	NP_001311	1460	CSNK2B	casein kinase 2, beta polypeptide
scob9649	4C	NM_016548	NP_808800	51280	GOLPH2	golgi phosphoprotein 2
scob9750	4C	NM_032557	NP_115946	84640	USP38	ubiquitin specific protease 38
scob9756	4C	NM_017610	NP_060080	54778	RNF111	ring finger protein 111
scob9772	4C	NM_144629	NP_655230	130132	C2orf11	chromosome 2 open reading frame 11

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scob9872	4C	NM_024537	NP_078813	79587	FLJ12118	hypothetical protein FLJ12118
scob9882	4C	NM_007114	NP_009045	7110	TMFI	TATA element modulatory factor 1
scob9946	4C	NM_002113	NP_002104	3078; 3079	HFL1	H factor (complement)-like 1
scob0276	4C	NM_017746	NP_060216	54881	TEX10	testis expressed gene 10
scob0369	4C	NM_025146	NP_079422	80218	MAK3P	likely ortholog of mouse Mak3p homolog (S. cerevisiae)
scob0394	4C	NM_000406	NP_000397	2798	GNRHR	gonadotropin-releasing hormone receptor
scob0513	4C	NM_170746	NP_734467	280636	SEH	selektinoprotein H
scob0775	4C	NM_018993	NP_061866	514453	RIN2	Ras and Rab interactor 2
scob0778	4C	NM_024511	NP_078787	79441	C4orf15	chromosome 4 open reading frame 15
scob0866	4C	NM_017613	NP_665738	29980	DONSON	downstream neighbor of SON
scob0924	4C	NM_143808	NP_665807	136319	MTPN	myotrophin
scob0999	4C	NM_052966	NP_443198	116496	C1orf24	chromosome 1 open reading frame 24
scob1023	4C	NM_002546	NP_002537	4982	TNFRSF11B	tumor necrosis factor receptor superfamily, member
scob1025	4C	NM_003380	NP_003371	7431	VIM	vimentin
scob1118	4C	NM_001173	NP_001164	394	ARIHGAP5	Rho GTPase activating protein 5
scob1159	4C	NM_144658	NP_653259	139818	DOCK11	dedicator of cytokinesis 11
scob1175	4C	NM_024829	NP_079105	79887	FLJ22662	hypothetical protein FLJ22662
scob1203	4C	NM_002794	NP_002785	5690	PSMB2	proteasome (prosome, macropain) subunit, beta type
scob1230	4C	NM_024558	NP_078834	79609	C14orf138	chromosome 14 open reading frame 138
scob1234	4C	NM_015907	NP_056991	51056	LAP3	leucine aminopeptidase 3
scob1264	4C	NM_021273	NP_067248	12709	Ckb	creatine kinase, brain
scob1539	4C	NM_004888	NP_004879	9550	ATP8V1G1	ATPase, H <sup>+</sup> transporting, lysosomal 13kDa, V1 subunit
scob1593	4C	NM_012479	NP_036611	7532	YWHAQ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase
scob1664	4C	NM_016130	NP_710149	51227	DCRS5	Down syndrome critical region gene 5
scob1948	4C	NM_138136	NP_612445	114926	LOC14926	hypothetical protein BC013035

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seoc1996	4C	NM_017751	NP_060421	55627	FLJ20297	hypothetical protein FLJ20297
seoc2029	4C	NM_144781	NP_659005	5134	PDCD2	programmed cell death 2
seoc2131	4C	NM_133325	NP_579866	55274	PIH1D	PIH1 finger protein 10
seoc2173	4C	NM_020948	NP_065999	57708	MLER1	mesoderm induction early response 1
seoc2191	4C	NM_005204	NP_005195	1326	MAP3K8	mitogen-activated protein kinase kinase kinase 8
seoc2226	4C	XM_210358				
seoc2246	4C	NM_001207	NP_001198	689; 220793	BTTF3	basic transcription factor 3
seoc2253	4C	NM_020555				
seoc2264	4C	NM_017733	NP_060203	54872	FLJ20265	hypothetical protein FLJ20265
seoc2447	4C	NM_002473	NP_002464	4627	MYH9	myosin, heavy polypeptide 9, non-muscle
seoc2824	4C	NM_017734	NP_060204	54873	PAMD	palindrophin
seoc3288	4C	NM_175060	NP_775085	831	CASF	calpastatin
seoc3603	4C	NM_019059	NP_061932	54543	TOMM7	translocase of outer mitochondrial membrane 7 homo
seoc3876	4C	NM_002160	NP_002151	3371	TNC	tenascin C (hexabrachion)
seoc3980	4C	XM_167549				
seoc3993	4C	NM_002160	NP_002151	3371	TNC	tenascin C (hexabrachion)
seoc4052	4C	NM_021104	NP_066927	6711	RPL41	ribosomal protein L41
seoc4187	4C	NM_004595	NP_004586	6611	SMS	spermine synthase
seoc4288	4C	NM_020957	NP_066008	57717	PCHIB16	proteocadherin beta 16
seoc4380	4C	NM_039877	NP_110517	56259	CTNNBL1	catenin, beta like 1
seoc4416	4C	NM_005016	NP_114366	5094	PCBP2	poly(rC) binding protein 2
seoc4505	4C	NM_018441	NP_060911	55825	PECR	peroxisomal trans-2-enoyl-CoA reductase
seoc4909	4C	NM_138376	NP_612385	91875	TTCS	tetratricopeptide repeat domain 5
seoc4960	4C	NM_000405	NP_000396	2760; 401213	GMA2	GM2 ganglioside activator protein
seoc5285	4C	NM_015541	NP_056356	26018	LRIG1	leucine-rich repeats and immunoglobulin-like domain

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scuc5627	4C	NM_004719	NP_004710	9169	SFRS2IP	splicing factor, arginine/serine-rich 2, interacti
scuc6169	4C	NM_003253	NP_003244	7074	TIAM1	T-cell lymphoma invasion and metastasis 1
scuc6703	4C	NM_002356	NP_002347	4082	MARCKS	myristoylated alanine-rich protein kinase C substr
scuc7281	4C	NM_024692	NP_078968	79745	FLJ21069	hypothetical protein FLJ21069